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PHLOX, SALMON GLORY—No. 1367. Pkg., 25c.
Silver Medal—1939 All-America Selection



X-L GIANT DELPHINIUM
 No. 1170. Pkg. 10c.

X-L Brand SEEDS *for 1940*



X-L GIANT DAHLIA FLOWERED ZINNIA. An X-L Flower Feature. No. 1528. Pkg. 10c; ½ oz. 50c.

ESTABLISHED
GRAHAM & ROSS
 1895

First Avenue South at Sixth Street

Great Falls, Montana



REGALE LILY. Large size bulbs.
No. 1638. Special: 3, 50c; 6, 90c;
Postpaid.



PEONIES, Red, White or Pink.
Large 3-5 eye roots selected for
spring planting.
3 for \$1.10, Postpaid.



X-L GIANT ANNUAL LARKSPUR.
No. 1264. Pkg. 10c.

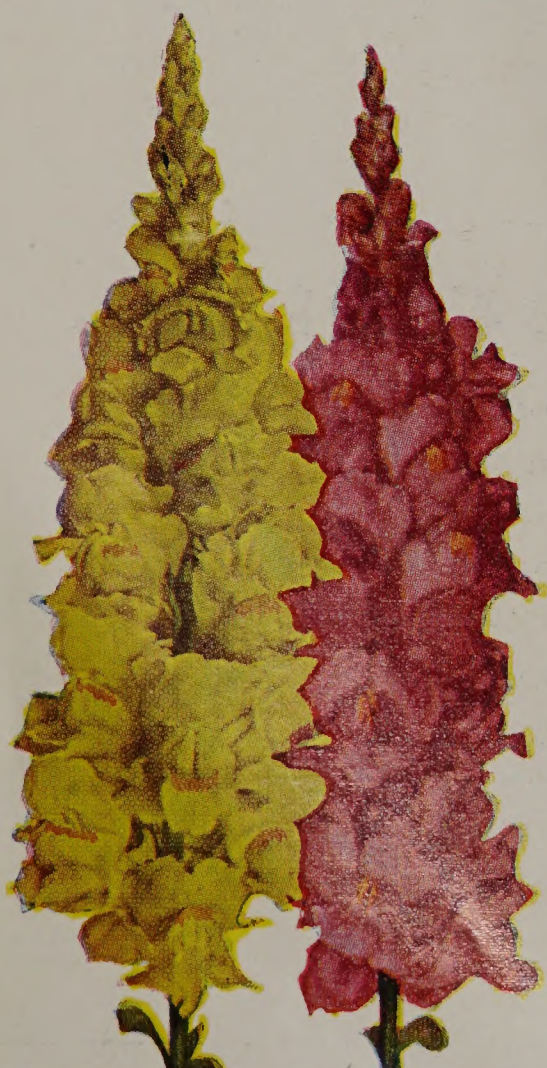


PETUNIA, Hollywood Star.
Silver Medal—1939 All-America Selection
No. 1349. Pkg. 15c.

Here Is
COLOR
for Your
Garden
from Early
Spring to
Late Fall



DWARF CUP FLOWER.
"Produces more blooms than any other
Flower."
No. 2500. Pkg. 25c.



X-L RUST PROOF SNAPDRAGONS.
No. 1432 Giant Yellow.
No. 1430 Giant Pink.
Pkt. 10c.



MORNING GLORY, Scarlett O'Hara.
Gold Medal—1939 All-America Selection
No. 1306. Pkg. 25c.



X-L ROYAL GLADIOLUS
All Colors Mixed.
50 Large Bulbs \$1.00. Postage 10c.

FIELD SEED PRICES

Subject to stock unsold and change without notice. All prices F. O. B. Great Falls. No charge for bags. If price has changed, orders will be filled for amount sent in.

	100 lbs.	50 lbs.	10 lbs.
ALFALFA:			
Registered Blue Tag Grimm	\$35.00	\$18.00	\$4.00
Registered Yellow Tag Grimm	31.00	16.00	3.50
X-L Affidavit Grimm	30.00	15.25	3.20
X-L Montana	27.00	13.75	2.90
Standard	25.00	12.75	2.70
Registered Blue Tag Ladak	38.00	19.50	4.30
X-L Affidavit Ladak	32.00	16.25	3.40
CLOVERS:			
X-L Alpha	20.00	10.25	2.10
X-L Yellow Blossom	8.00	4.25	.95
X-L White Blossom	7.50	4.00	.90
X-L Alsike	30.00	15.25	3.50
X-L Medium Red	30.00	15.25	3.50
X-L Hubam	13.00	6.75	1.40
GRASSES:			
X-L Standard Crested Wheat	15.00	8.00	1.70
X-L Fairway Crested Wheat	17.50	9.25	1.95
X-L Brome	20.00	10.50	2.20
X-L Orchard	25.00	13.00	2.70
X-L Meadow Fescue	22.00	11.50	2.40
X-L Red Top	18.50	9.75	2.10
X-L Timothy	7.50	4.00	.95
X-L Sudan	6.25	3.40	.80
X-L Western Wheat	18.50	9.75	2.00
X-L Huntley Mixture	26.50	13.50	2.80
CORN:			
	Per Bu.	1/2 Bu.	Per Lb.
X-L Montawealth Hybrid	\$ 8.00	\$ 4.15	\$.16
X-L Falconer	2.75	1.50	.06
Registered Falconer	3.25	1.80	.07
X-L Northwestern Dent	2.75	1.50	.06
X-L Gehu Yellow	2.75	1.50	.06
X-L Pioneer White Dent	2.75	1.50	.06
X-L Minnesota 13	2.75	1.50	.06
X-L Elephant Fodder	(Write for prices)		
MILLETS:			
	100 lbs.	50 lbs.	10 lbs.
X-L German	\$ 4.25	\$ 2.30	\$.50
X-L Siberian	4.25	2.30	.50
X-L Early Fortune	3.50	1.90	.40
X-L Hog	3.50	1.90	.40
OATS:			
			100 lbs.
X-L Victory			\$1.60
X-L Markton			1.60
X-L Swedish Select			1.60
(10 bags or more 10c per cwt less)			
WHEAT:			
			Per Bu.
Registered Blue Tag Marquis			\$1.25
BARLEY:			
			100 lbs.
X-L Trebi			\$1.60
X-L Horn			1.70
X-L Blue Hullless			1.75
X-L Dry Land Beardless			1.75
SPELTZ:			
			100 lbs.
X-L			2.00
RYE:			
			Per 100 lbs.
X-L Spring			1.55
X-L Winter			1.35
FLAX:			
			Per Bu.
X-L Bison			\$3.00
SOY BEANS:			
	100 lbs.	50 lbs.	10 lbs.
Illini	\$ 8.00	\$ 4.25	\$.10
BEANS:			
Great Northern	6.50	3.75	.10
PEAS:			
X-L Montana Field	4.00	2.25	.05
RAPE:			
X-L Dwarf Essex	11.50	6.25	1.50
SUNFLOWER:			
X-L Giant	15.00	8.00	2.00

FEED PRICES

All prices quoted are F. O. B. Great Falls, Mont., subject to market changes. Orders will be filled to the full value of remittance received.

	100 lbs.	50 lbs.	25 lbs.
DIAMOND G:			
Chick Starting Mash with Pan-a-min	\$ 3.25	\$ 1.70	\$.90
Pan-a-min All Mash Starter	3.10	1.65	.85
Pan-a-min Broiler Mash	2.90	.....	....
Pan-a-min Turkey Starter (24% pro.)	3.30	1.75	.90
Pan-a-min Growing Mash	2.95	1.55	.80
Fattening Mash	2.25	1.20	.65
Chick Scratch	2.80	1.50	.80
Pullet Scratch	2.65	1.40	.75
Pan-a-min Egg Mash	2.95	.....	....
Yellow Tag Egg Mash with Yeast....	2.70	1.45	.75
Green Tag Egg Mash—Cod Liver Oil	2.45	.....	....
Hen Scratch, No. 1	1.90	1.05	.55
Hen Scratch, No. 2	1.80	1.00	.50
Growing Mash Concentrate	4.50	.....	....
Super 30 Concentrate	3.50	.....	....
MISCELLANEOUS FEEDS:			
Alfalfa Meal, Dehydrated	3.00	1.75	1.00
Alfalfa Meal, Sun Cured	1.75	1.00	.....
Animalick	Discontinued		
Barley, Steam Rolled	1.60	.85	.50
Barley, Ground	1.55	.80	.45
Beet Pulp, Dried	1.50	.....	....
Bonemeal, Steamed and Sterilized....	3.05	1.70	1.15
Bonemeal, Digesta, Steamed, Ster...	3.20	1.85	1.20
Calf Meal, Blatchford's	6.00	3.15	1.65
Calf Meal, Diamond G	3.80	.....	1.00
Calf Manna	6.50	3.40	.....
Calf Manna	6.30	in 500-lb. lots	
Charcoal (all sizes)	3.80	2.00	1.25
Cottonseed Cake and Meal	2.50	.....	....
Corn, No. 2 Yellow	1.70	.95	.50
Corn, Cracked Rescreened	1.80	1.00	.55
Cornmeal	1.90	1.05	.60
Diamond G Dairy Feed (beet pulp)	1.50	.....	....
Fish Meal	4.00	2.10	1.10
Flax Meal, Druggist Grade	8.00	4.10	2.05
Grit, Granite	1.39	.80	.45
Grit, Lime	1.30	.70	.45
Ground Feed (Oats, Corn, Barley)....	1.50	.....	....
Linseed Meal (37%)	3.40	1.80	1.00
Meat Meal	4.00	2.05	1.10
Oats	1.40	.75	.45
Oats, Steam Rolled	1.60	.85	.50
Oatmeal	3.00	1.65	1.00
Oat Groats	2.80	1.55	.95
Oystershell Flakes	1.19	.70	.45
Rabbit Pellets	2.75	1.45	.80
Soybean Meal	2.60	.....	....
Sulphur	7.00	3.75	1.90
Hi Power Cubes	2.00	.....	....

Diamond G Calf Meal

containing Dr. Hess Stock Tonic raises better calves than you can on whole milk, because a full quota of vitamins and minerals are combined with choicest proteins and fats. In addition the toning effect of Dr. Hess Stock Tonic keeps these calves eating well, the food is thoroughly digested and assimilated. All the food value is taken from every mouthful—Hess Tonic does that and more. The kidneys and bowels are regulated and toned up. It only takes a little calf meal to raise husky calves, and you sell all the cream. Simple feeding directions in each bag. 25 lbs., \$1.00 F. O. B. Great Falls.

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FORTY-FIVE YEARS OF SERVICE

With the death of Mr. John D. Ross, Sr., founder of our firm, in the latter part of December, 1939, a challenge was handed to us who are now carrying on the active management of Graham & Ross. It is for us to see that business ideals installed by Mr. Ross and which have been practiced faithfully by this firm since its inception in 1895 are faithfully followed and that every effort is put forth to see that each customer is treated according to the "Golden Rule"—We pledge ourselves to see that each customer is treated fairly and courteously at all times and to see that each receives full and honest value for every dollar spent with us.

We also pledge ourselves to conduct a modern and up-to-date store, keeping abreast with new developments and scientific findings especially in the feed and seed departments and to pass all such information and developments on to our customers.

We thank you sincerely for your patronage and assure you that every order—large and small—is appreciated by us and will receive our careful attention.

DONALD R. ROSS

JOHN M. ROBERTSON

JOHN ROSS

MRS. TENA J. ROSS

DAVE ROSS

\$1 Graham & Ross Home Garden Collection for 1940 \$1

is planned for a garden of approximately 25x40 feet in 25 ft. rows. It will be especially convenient for the customer who is not familiar with varieties and distance seed will sow to order this collection. The amount, variety, rows required and the distance between rows are shown in the following:

1/2 lb. X-L Stringless Wax Beans	2 rows 20 in.	.25
1 oz. X-L Improved Egyptian Beets	2 rows 18 in.	.15
2 pkts. Red Cored Chantenay Carrots	2 rows 18 in.	.10
1/4 lb. X-L Golden Bantam Sweet Corn	4 rows 30 in.	.15
1 pkt. Graham & Ross Special Cucumber	1 row 3 ft.	.05
2 pkts. Lettuce (1 leaf, 1 head)	1 row 12 in.	.10
1 pkt. X-L Mountain Danver Onion	1 row 18 in.	.05
2 pkts. Hollow Crown Parsnips	2 rows 18 in.	.10
1/2 lb. Laxtonian Peas	2 rows 2 ft.	.25
1 oz. Sparkler Radish	2 rows 1 ft.	.15
1 pkt. Swiss Chard	1 row 18 in.	.05

Absolutely NO CHANGES in this collection Value if ordered separately \$1.40
SPECIAL COLLECTION PRICE, Postpaid \$1.00

Parcel Post Rates

Zone	Distance up to	For First Pound	Each Pound Additional
1st and 2nd	150 miles	8c	1c
3rd	150- 300 miles	9c	2c
4th	300- 600 miles	10c	4c

In estimating parcel post charges be sure to make allowance for packing. A fraction of a pound takes full pound rate.

Postage Prepaid. Unless otherwise stated, we pay postage on all seeds and bulbs quoted in this catalog. On orders of larger quantity at "not prepaid" prices stated in such cases it will be necessary for you to send postage extra if you want it by parcel post, but if it is to be sent by freight or express, you can pay the transportation charges at your freight or express office when you receive the goods.

Errors. Yes, we make them, in spite of all care. Write us at once in full that we may make the adjustment to your entire satisfaction. Keep a copy of your order and use our printed order blank. Additional order sheets sent on request.

All prices in this catalog are subject to change without notice.

Reports—Good or Bad. Will you help us to attain greater success by writing and telling us how our Seeds and Sup-

plies reach you; how they grow and how you like them! We will certainly appreciate it. Your criticisms, if you have any, as well as your praises, are desired.

Order Early. Kindly send in your order early; in the rush season of March and April there are unavoidable delays. Late buying is trying to you and more difficult to our over-busy staff. Perishable goods are sent at a suitable planting time.

Keep a Copy of Your Order. Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with other goods or notices sent.

NON-WARRANTY NOTICE IN COMMON WITH ALL AMERICAN SEED HOUSES

GRAHAM & ROSS MERCANTILE COMPANY do not give and their agents are expressly forbidden to give any warranty expressed or implied as to the contents or the description, quality, productiveness or any other matter of any Seeds, Bulbs, Plants, Shrubs, Trees or Vines sold by us, and will not, in any way, be responsible for the crop. If the purchaser does not accept these goods on the above terms, no sale is made thereof, and he must return them at once and money will be refunded. Subject to the above conditions, we make this sale!

YOUR VEGETABLE GARDEN Is Your Best Refrigerator

Enjoy the full flavor of crisp, fresh picked vegetables by growing them yourself—and don't forget the relaxation and soothing effects of a few hours spent in your garden.

Asparagus

1 oz. to 50 ft. of drill

This delicious vegetable is much easier to raise than most people think. When grown from seed the roots should be left for two years before cutting.

1—MARY WASHINGTON

Large green shoots of fine flavor. An early and vigorous grower. Rust resistant. Pkt., 10c; oz., 20c.

**All Prices Are Postpaid Unless
Otherwise Specified**

1A—ASPARAGUS ROOTS

Available from March 20th to April 10th. Doz., 40c; 50 roots, \$1.25; 100 roots, \$2.25 postpaid. Not postpaid, 50 roots, \$1.00; 100 roots, \$1.85. Please order asparagus roots early. Shipment will be made at proper time.

STRINGLESS BEANS

with crisp green or golden yellow pods, that smell like beans when they are on the table and give a solid, meaty crunch with each bite.

2—X-L STRINGLESS WAX

(Our Best Yellow Bean)

Ideal for canning. A new stringless wax bean so crisp and of such good flavor that many people eat them raw right out of the garden. Pods are about six inches long; rich yellow color, and ready to pick in a little less than two months. We recommend this as our best yellow bean. Pkt., 5c; ¼ lb., 15c; 1 lb., 40c postpaid. Not postpaid, 5 lbs., \$1.30.

3—IMPROVED GOLDEN WAX

Our X-L strain is rust resistant, bearing a heavy crop on vines of vigorous bushy growth. Pods are golden yellow, fleshy and solid. Excellent flavor. Pkt., 5c; ¼ lb., 15c; 1 lb., 32c postpaid. Not postpaid, 5 lbs., 95c.

BEAN CULTURAL NOTES

Plant in rows about 15 inches apart, using 1 lb. to 100 feet. In our district beans should not be planted before May 20th at the very earliest if you want a continuous supply of really tender pods. Make successive plantings until July 1st. Keep surface soil soft. Do not cultivate when plants are in bloom or when vines are wet.

5—X-L GREEN STRINGLESS

The best known of the green and bush beans. Pods are about six inches long, slightly curved, meaty and bushy. Good flavor. Seeds are dark brown color. Pkt., 5c; ¼ lb., 12c; 1 lb., 32c postpaid. Not postpaid, 5 lbs., 95c.

6—BOUNTIFUL

Crisp, flat green pods. Very early and a heavy yielder. Pods are straight and favored by many for canning. Pkt., 5c; ¼ lb., 12c; 1 lb., 32c. Not postpaid, 5 lbs., 95c.

7—POLE BEANS

Kentucky Wonder (Green)

Without a doubt the best pole bean for Montana. Is very early for this type and will produce over a long season if vines are kept picked. Pkt., 5c; ¼ lb., 15c; 1 lb., 35c postpaid.

8—BUSH LIMA

A small lima adapted to our climate. Plants are medium. Pods are four to five inches long and of good flavor. This variety is very productive. Pkt., 5c; ¼ lb., 15c; 1 lb., 40c postpaid.

9—NAVY BEANS

Great Northern

Known by everyone as the best type to provide dry beans for baking and cooking. A few rows will supply the average family for the entire year. ¼ lb., 10c; 1 lb., 20c postpaid. Not postpaid, 5 lbs., 60c.

10—SMALL NAVY

Very similar in shape and characteristics as Great Northern but about one-third smaller. ¼ lb., 10c; 1 lb., 25c postpaid. Not postpaid, 5 lbs., 75c.

4—PENCIL

POD
BLACK
WAX



Very popular because they remain tender a long time after picking. Dwarf bushes, black seeds, yellow pods. Very early and an exceptionally high producer. Pods are about six inches long, always stringless, tender and brittle. Pkt., 5c; ¼ lb., 12c; 1 lb., 32c postpaid. Not postpaid, 5 lbs., 95c.

BEETS

Eat these selected strains of popular Beet varieties while they are young.

1 OZ. WILL SOW ABOUT 50 FEET

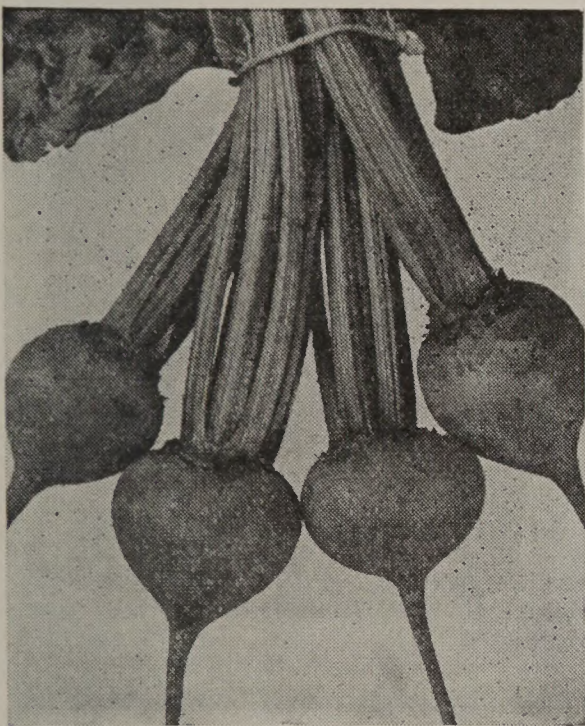
Plant in loose soil in rows about 15 or 18 inches apart. Thin first when about 2 inches high. Thinning may be repeated when tops are large enough to use as greens. For summer use, make the first sowing about the middle of April. For canning and winter use, sow after June 1st.

11—DETROIT DARK RED BEETS

Roots are uniform in size and globe shape. Color deep, rich red. Very tender and delicious for canning. Pkt., 5c; 1 oz., 15c; ¼ lb., 40c; 1 lb., \$1.10 postpaid.

12—GOOD FOR ALL

(Picture on Inside Back Cover)



Matures in about 54 days. This is a selection bred to produce uniform roots which can be harvested when 1¼ to 1½ inches in diameter, especially for canning and pickling. It is almost perfectly globular, smooth and uniform in size, with deep crimson even color inside. Pkt., 5c; oz., 20c; ¼ lb., 45c; 1 lb., \$1.25.

NO. 13—X-L IMPROVED EARLY EGYPTIAN

An improved type of Crosby Egyptian that is very popular both with home and market gardeners. Roots round and slightly flattened at top. Constant selection of stock used for seed has almost entirely eliminated any beets with zoned or ringed flesh, giving a bright, solid, blood-red effect. Very tender. Pkt., 5c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.10 postpaid.

14—EARLY BLOOD TURNIP

An old favorite for general crop. Pkt., 5c; 1 oz., 15c; ¼ lb., 35c; 1 lb., \$1.10.



CHILDREN LOVE THEM

A vegetable garden is a sure way of encouraging children to eat enough vegetables. When you plant your garden, make sure of a big yield of attractive produce, rich in flavor and minerals, by feeding regularly with

VIGORO

Square Meal for all Plants

Mangels and Stock Beets

Every farm should raise some for feeding chickens and cows. Sow 5 lbs. to an acre.

15—X-L MAMMOTH LONG RED

High Feeding Value and Exceptional Quality

The most popular feeding mangel. Very heavy yielding with at least one-third of the root above ground, which makes harvesting easy. Pkt., 5c; oz., 10c; ½ lb., 35c; 1 lb., 60c prepaid. Not prepaid, 5 lbs., \$2.40.



16—GOLDEN TANKARD

Roots large, thick, oval. Heavy yielder. Pkt., 5c; oz., 10c; ½ lb., 35c; 1 lb., 60c prepaid. Not prepaid, 5 lbs., \$2.40.

17—HALF SUGAR MANGEL

Roots long, oval, tapered, white with rose colored shoulders. Contains more sugar and food value than the larger type mangels. Pkt., 5c; oz., 10c; ½ lb., 35c; 1 lb., 60c prepaid. Not prepaid, 5 lbs., \$2.40.

SUGAR BEETS

18—KLEIN WANZLEBEN

Very large and a valuable root for feeding. While the roots are not as large as the genuine mangels, the increased sugar content makes them higher in feed value. Pkt., 5c; oz., 10c; ½ lb., 35c; 1 lb., 60c prepaid. Not prepaid, 5 lbs., \$2.40.

SWISS CHARD

The Best Beet to Use for Greens

19—LUCULLUS

Leaves are dark green and crumpled. Flavor delicious. Mid-ribs and stalks should be cooked separately in the same manner as asparagus. Pkt., 5c; oz., 15c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 95c postpaid.

BRUSSELS SPROUTS

These plants, which are miniature cabbages formed on a plant stalk, are becoming more popular each year as more people become familiar with them. Culture is the same as cabbage.

21—X-L LONG ISLAND IMPROVED

Is best adapted to our conditions. Pkt., 10c; oz., 25c.

BROCCOLI

20—ITALIAN GREEN SPROUTING. Pkt., 10c; ½ oz., 20c.

To prevent damping off of seedlings, dust flower and vegetable seeds with Semesan. 10c package treats enough seed for average home garden.

CABBAGE

Crisp, tight heads for salads and cole slaw during the summer; large, solid, good keeping heads for winter and to use for kraut.

A package produces about 100 plants and 1 oz. about 1500 plants.

Sow inside in boxes during the last half of March; transplanting when all danger of killing frost is over. Plants should be set 18 inches apart each way for early varieties and 2 feet each way for later types.

(Early Varieties)

22—GOLDEN ACRE

The earliest of all cabbage. Heads are round, quite small, very firm with crisp leaves that have very white mid-ribs, thus making it valuable for summer salads, etc. Pkt., 5c; oz., 30c; 1/4 lb., 95c; 1 lb., \$3.25.

23—EARLY JERSEY WAKEFIELD

The earliest and best known in pointed head varieties. Medium size, very compact, and can be set close together in the field. Pkt., 5c; oz., 20c; 1/4 lb., 55c; 1 lb., \$2.00.

24—EARLY WINNIGSTADT

Larger and slightly later than Early Jersey Wakefield. Pkt., 5c; oz., 20c.

25—COPENHAGEN MARKET

A medium-early cabbage so well known and popular to every garden grower. Uniform, round head. About 7 inches in diameter. Very desirable for all purposes. Pkt., 5c; oz., 25c; 1/4 lb., 75c; 1 lb., \$2.50.

26—GLORY OF ENKHUIZEN

A good selection for main crop cabbage in the home garden. Pkt., 5c; oz., 20c.

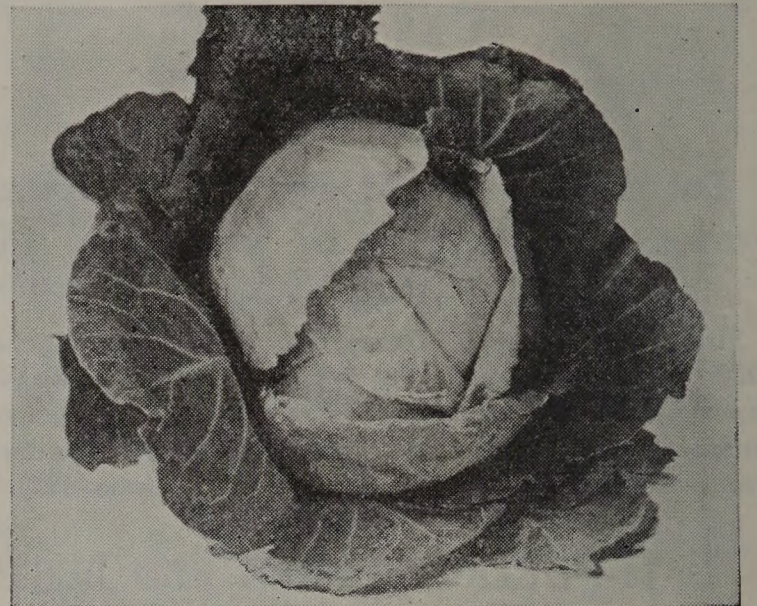
27—EARLY FLAT DUTCH

A large early flat head variety, short stemmed. Pkt., 5c; oz., 25c; 1/4 lb., 75c.

(Late Varieties)

28—DANISH BALLHEAD

Short stemmed. Identical with Hollander. Has an extremely solid head. Unexcelled for keeping qualities. Exceptionally heavy yielder. Recognized as the best cabbage for winter. Pkt., 5c; oz., 25c; 1/4 lb., 75c; 1 lb., \$2.50.



X-L Golden Acre

29—PREMIUM LATE FLAT DUTCH

An old favorite for the winter supply. Extra large flat head. Very solid. Good keepers. Pkt., 5c; oz., 20c; 1/4 lb., 55c; 1 lb., \$1.85.

30—MAMMOTH RED ROCK

If you are a cook with an experimental frame of mind and want to provide a new flavored vegetable for your table, try red cabbage. Use it for salads, slaw, boiled or, if you are a real connoisseur, try the old German cooks' favorite of red cabbage baked with goose. Pkt., 5c; 1/2 oz., 20c.

31—AMERICAN SAVOY CABBAGE

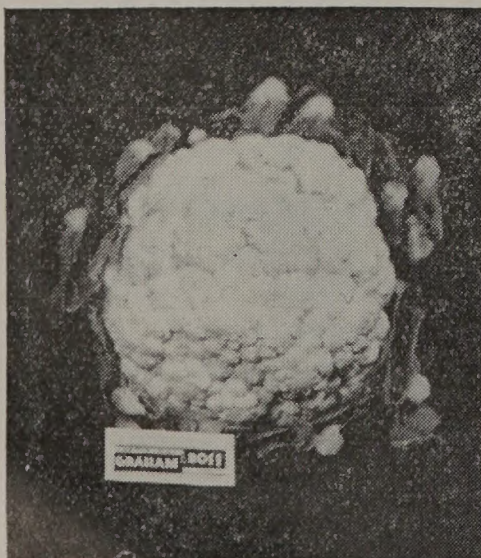
Its crumpled leaves have a distinct flavor. Flat head, solid. Pkt., 5c; 1/2 oz., 20c.

32—CHINESE OR CELERY CABBAGE

This vegetable is very easily raised in a home garden. If you are unfamiliar with its delicious flavor when used in a fresh salad, we urge you to try it. Pkt., 5c; 1/2 oz., 20c.

HARDY CABBAGE PLANTS

Golden Acre, Wakefield, Copenhagen, Ballhead, and Late Flat Dutch. Postpaid prices: 25—38c; 100—\$1.25. Prices at Great Falls: 25 or more—1c each; 500 or more—85c per hundred. All plants are true to type. Have been hardened off so that there is very little danger of losing them at transplanting time.



CAULIFLOWER

33—EARLY SELECT SNOWBALL

Imported. A reselected early variety that we especially recommend for market gardeners. It is of dwarf growth and produces solid white heads of good size. Has plenty of leaves to assure good blanching and to keep the head from turning yellow. Pkt., 25c; 1/4 oz., 80c; 1/2 oz., \$1.50; oz., \$2.75.

34—EARLY SNOWBALL

The best known variety of cauliflower. Improvement in breeding and careful selection of seed stock has increased the value of this variety greatly during the past 10 years. Pkt., 10c; 1/4 oz., 55c; 1 oz., \$1.75.

35—DANISH DRY WEATHER

Will form better heads in dry weather. Heads large, white, slightly tinged with green. Pkt., 10c; 1/4 oz., 75c; 1 oz., \$2.00.

SNOWBALL CAULIFLOWER PLANTS

All plants are "hardened off" so the danger of freezing is reduced. Plants available after April 15th. Prices at Great Falls, dozen, 20c; 50, 80c; 100, \$1.50. Prices postpaid, dozen, 35c; 50, \$1.00; 100, \$1.75.

DELICIOUSLY TENDER CARROTS

are now sweeter, brighter colored and contain more "Carotene" or Vitamin A. Only home gardeners really have an opportunity of eating them while they are fresh, crisp and young.



One cunce will sow 75 ft. of drill; 4 pounds for an acre.

Culture—One of the few crops that will do well in all soils though a good, deep, friable loam will produce the best looking roots. For an early supply, sow seeds of early sorts ½ inch deep as soon as the soil can be dug, placing rows 18 to 24 inches apart and thinning out seedlings to stand 2 to 3 inches apart in the row. Make repeated sowings every 2 weeks.

36—DANVERS IMPROVED

A favorite main crop carrot. Root 6 to 7 inches long. Very uniform, fine grained, rich in flavor, and very sweet. Pkt., 5c; oz., 15c; ¼ lb., 35c; ½ lb., 50c; 1 lb., 90c.

37—IMPROVED CHANTENAY

(Red Cored)

Chantenay has always been very popular for both the home garden and for market use. Now it has been improved so that the deep orange color continues entirely through the center. Roots taper to a blunt end. Very sweet and tender. Has a small neck and top strong enough for good bunching. Pkt., 5c; oz., 15c; ¼ lb., 30c; ½ lb., 60c; 1 lb., \$1.00.

38—OXHEART

A late midseason carrot which is especially good in heavy soil since its stockiness makes it easy to harvest. Pkt., 5c; oz., 15c; ¼ lb., 35c; ½ lb., 50c; 1 lb., 90c.

39—LONG ORANGE

Large straight roots of deep orange color chiefly used for stock feeding because of its productiveness. However, it is also excellent for table use. Pkt., 5c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.00.

CELERY

It is easy to grow your own celery. Seed should be started indoors and plants set out about the middle of June, eight inches apart. By hoeing up around them the stalks can be blanched as desired.

41—GOLDEN SELF BLANCHING

The most popular variety for this section. Stalks are rather heavy, but very crisp and free of strings. Blanches very easily. Pkt., 10c; ½ oz., 25c; oz., 40c.

42—GIANT PASCAL

This is one of the finest celeries known, crisp, brittle, free from strings, and of very excellent eating quality. All soft stalks are eliminated, and we believe we can supply you with the best strain in existence. Pkt., 10c; ½ oz., 30c; oz., 50c.

43—CELERY PLANTS

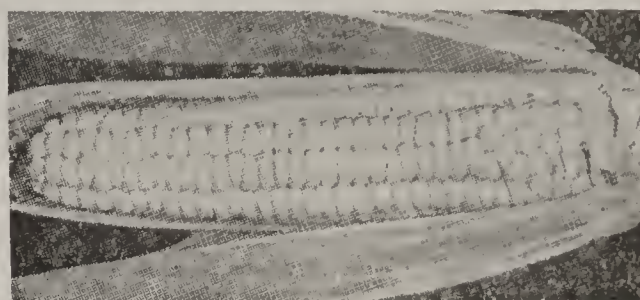
Giant Pascal plants, ready to set out. 25c per doz. Postage per dozen, 10c extra.



You Have Never Eaten Sweet Corn At Its Best

Unless you cook it within one-half hour after you picked it

Soon after sweet corn is picked the sugar content begins to turn to starch, thus losing its sweet flavor. Grow your own. Pick it fresh from your garden instead of depending upon a grocery store where it sometimes becomes two or three days old before being sold. We suggest that you make several plantings about two weeks apart for a continual crop. 1 lb. plants approximately 400 hills; 8 lbs. to the acre in check rows or 12 lbs. drilled in rows.



44—GOLDEN HUMMER

One of the most popular of the large, early sweet corn. A good variety for the home gardener because of its flavor and size and very profitable for the market gardeners because of its earliness. Ears average 7 to 8 inches long with 12 to 14 rows of golden yellow kernels. Pkt., 5c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 45c postpaid; 5 lbs., \$1.25 not postpaid.

45—GOLDEN SUNSHINE

A few days later than Golden Hummer, but an established favorite among many home gardeners. Ears will average about 7 inches in length with 12 rows of kernels all well filled. Delicious flavor. Pkt., 5c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 42c postpaid; 5 lbs., \$1.15 not postpaid.

46—X-L STRAIN GOLDEN BANTAM

An early strain bantam especially adapted to our mountainous regions. Genuine 8 row Golden Bantam is still the most popular sweet corn for both home and market gardeners. While it is slightly later than Golden Hummer and Golden Sunshine, its flavor is so good that it is well worth waiting for. The delicious tenderness of an ear of X-L true Golden Bantam picked just after it has turned yellow and cooked within one-half hour of picking has never been equaled. Pkt., 5c; ¼ lb., 15c; ½ lb., 23c; 1 lb., 35c postpaid; 5 lbs., \$1.00; 10 lbs., \$1.95 not postpaid.

HYBRID SWEET CORN

The advantages that hybrid sweet corn has over regular varieties are many. There is greater uniformity of plant and ear. There won't be little spindly plants along with the good ones; each plant will be a producer. You'll get as much as double the yield. But that isn't the whole story. You'll find that the hybrids are more tender, more flavorful, deeperkerneled, and a lot better to eat. There's no sense in casting adjectives about with a wanton hand. But with Tendergold Hybrid you'll be delightfully surprised both out in the garden and at the table with the rare delicacy sweet corn can be.

47—TENDERGOLD

7 to 8 inch ears are filled with 10 to 14 grains of large size sweet flavored kernels. Resistant to wilt and bacterial diseases. Very heavy yielding. ¼ lb., 25c; ½ lb., 35c; 1 lb. or more, 50c postpaid.

CELERIAC

40—LARGE SMOOTH PRAGUE

This turnip rooted celery produces large tubers nearly globe shape and with quite a smooth surface. Culture is the same as celery. Pkt., 10c.

Raise Your Own Popcorn

These new varieties will give you a thrill when you see how large and white they pop.

48—DYNAMITE OR T. N. T.

Large yellow kernels on 12 to 14 row ears which usually run 6 to 7 inches long. When popped, it is entirely free of hard centers. Pkt., 5c; ¼ lb., 15c; 1 lb., 40c postpaid.

49—GIANT BLACK BEAUTY

A large black kernel that pops to a chalk white color. A few rows of our Montana grown seed will provide you with all the popcorn you need for the winter. Pkt., 5c; ¼ lb., 15c; 1 lb., 40c.

CRESS

50—Curled or Pepper Grass

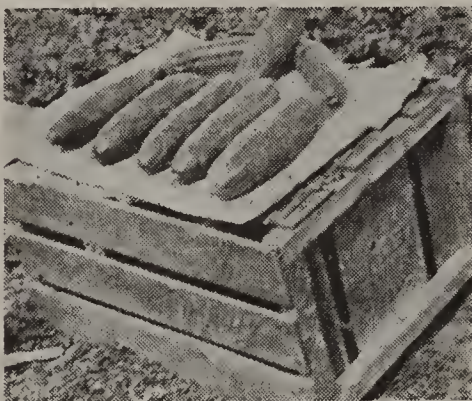
Leaves used for garnishing and for flavoring salad. Pkt., 5c; oz., 15c; ¼ lb., 40c.

51—TRUE WATER CRESS

Small oval shaped leaves. This plant will grow best when sowed in the spongy land adjoining small streams. Pkt., 10c; oz., 40c.



For an earlier cucumber crop this year try HotKaps. See page 42 for complete description and price.



X-L Straight Eight raised in Great Falls. Blunt ends make it ideal for slicing.

CUCUMBERS

For Slicing or Pickling

One ounce will plant fifty hills. Sow ½ to 1 inch deep in hills 4 to 6 feet apart each way when the weather has become settled. Thin out leaving four strongest plants in each hill.

52—X-L EARLY WHITE SPINE

The most popular variety of cucumber that we sell. Fruits are usually about 7 inches long and well shaped. Early. May be used for making sliced pickles and for large dills. Pkt., 5c; oz., 15c; ¼ lb., 35c; ½ lb., 55c; 1 lb., \$1.00 postpaid.

53—EARLY FORTUNE

A white spine variety. Dark green color that keeps well. Early and productive. Fruits about 9 inches long. Pkt., 5c; oz., 15c; ¼ lb., 35c; ½ lb., 55c; 1 lb., \$1.00 postpaid.

54—STRAIGHT EIGHT

All American Gold Medal Winner. Its rapid rise in popularity is due to its heavy yield of 8 inch fruits, which are well-rounded at ends, and its dark color which holds for a long time. It is free of light stripes and tips. Pkt., 5c; oz., 20c; ¼ lb., 60c.

55—IMPROVED LONG GREEN

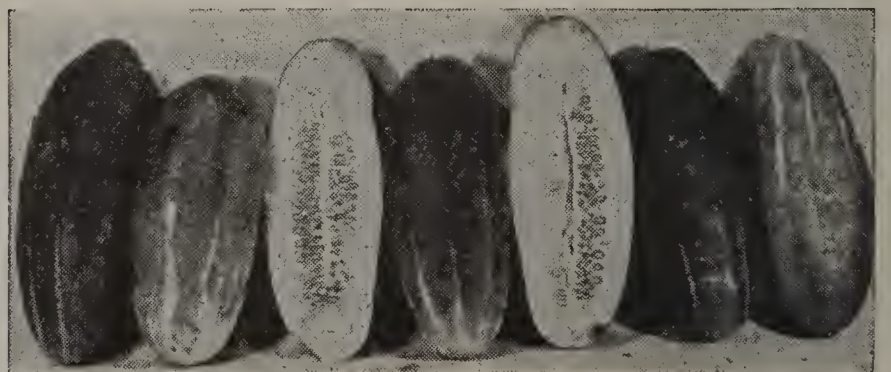
An old favorite, growing about 10 to 12 inches long. Very desirable for slicing. Pkt., 5c; 1 oz., 15c; ¼ lb., 40c; ½ lb., 70c; 1 lb., \$1.25.



56

Graham & Ross Special

The largest of the quality cucumbers. It is darker in color, more uniform in shape and a heavier yielder than other white spine varieties. This cucumber has increased in popularity each year. Pkt., 5c; oz., 20c; ¼ lb., 65c; ½ lb., 95c; 1 lb., \$1.75 postpaid.



57—DAVIS PERFECT

Very similar to White Spine. Pkt., 5c; oz., 15c; ¼ lb., 35c; ½ lb., 55c; 1 lb., \$1.00.

58—X-L DARK GREEN OR BLACK DIAMOND

Fruits 7 to 8 inches long. About 2 inches in diameter. Very dark green. A heavy yielding variety. Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 70c; 1 lb., \$1.25.

60—CHICAGO PICKLING

Since this cucumber has everything that is desired in a good pickling type, we have discontinued all other pickling varieties. Fruits average 4 to 6 inches in length and are 2 inches in diameter and very firm. Will stay firm in jars. Very productive. Pkt., 5c; oz., 15c; ¼ lb., 35c; ½ lb., 55c; 1 lb., \$1.80.



Black Beauty egg plant raised by Mrs. J. J. Arndt, 3612 7th Ave. No.

EGG PLANT

Culture same as tomatoes but the seed should be started earlier as it takes longer to germinate. Dipped in beaten egg and rolled in cracker crumbs and fried, it will provide a delicious variety from the ordinary run of garden vegetables.

61—IMPROVED BLACK BEAUTY

This variety will often produce 6 to 7 beautiful fruits to a plant. Well adapted to our conditions. Pkt. 10c; ½ oz., 20c.

ENDIVE

"Salad minded people" are fast learning how easy it is to raise tender endive. Should be sown from April 15th to late July for continuous use throughout summer and winter. It can be improved by tying the outer leaves loosely together when nearly full grown in order to blanch the center leaves.

62—GREEN CURLED

Hardy and vigorous. Leaves glossy green but will blanch to a liquid white. Pkt., 5c; oz., 15c; ¼ lb., 35c.

63—BROAD LEAVED BATAVIAN

The "head lettuce" of the endive family. Leaves thick and buttery in texture. Pkt., 5c; oz., 15c.



64—SEED GARLIC

Sound bulbs especially selected for planting. Bulbs should be divided and cloves set same as onions. Should be taken up in the fall and stored in a cool dry place. Bulbs, ¼ lb., 15c; lb., 45c postpaid.

BENEFICIAL PROPERTIES OF GARLIC

In spite of its strong flavor and tenacious odor, garlic is not harmful to the stomach, even in large quantities. On the contrary, it exercises beneficial effects upon our organism.

Garlic dissolves the crystals, the accumulation of which causes hardening of the arteries. It lowers the blood pressure, accelerates and regulates the blood circulation by stimulating the heart muscles, and also acts as a blood purifier.

GARDEN HUCKLEBERRY



This new fruit is easier to grow than tomatoes, culture being practically the same. Bushes are about two feet high, well branched, and loaded with berries, which when ripe are a dark purplish color. They make delicious conserve and are good if stewed, but should be cooked with a small amount of some other fruit such as apple or lemon added. Garden Huckleberry pie when properly made will meet with the approval of the entire family. Pkt., 10c; ½ oz., 45c.

HERBS

The present trend in cooking shows a definite swing back to the use of herbs for supplying the proper seasoning.

66—CARAWAY

Seeds are used for flavoring. Pkt., 10c; oz., 25c postpaid.

67—DILL

Is used by everyone in making pickles. Easily grown. Pkt., 5c; oz., 15c.

68—SWEET MARJORAM

Pkt., 10c; oz., 25c.

69—SAGE

The well known seasoning used for making dressing. Pkt., 5c; ½ oz., 40c.

70—THYME

Tea made from this plant is an old remedy for headaches. Pkt., 10c; ½ oz., 40c.

71—SUMMER SAVORY

Leaves are generally used for flavoring soups. Pkt., 10c; oz., 25c.

72—CATNIP

While this is sometimes used for seasoning, it is most commonly thought of as a medicine and regulator for cats and kittens. Pkt., 10c.

73—LAVENDER

The dried leaves are used to impart a delicate scent to clothing. Pkt., 10c.

Many people grow a pot or two of their favorite Herb in the kitchen window, having it fresh the year 'round, but if this does not appeal to you, remember that the stalks may be cut just before full bloom, dried and packed in airtight boxes for use as desired.

KALE

75—Dwarf Scotch Curled

Generally planted for greens, but also used for garnishing instead of parsley. May be sown in the spring as soon as danger of frost is over and will stay green very late in the year if given a slight covering of straw. Pkt., 5c; oz., 15c.

KOHL-RABI

A few years ago only the most enthusiastic gardeners planted this vegetable. Now it is not an uncommon sight to find the children eating them raw from the garden the same as turnips. Seed should be sown early in the spring as possible and thinned to about six inches apart. Plant at intervals of 10 days so that you will have a succession of bulbs throughout the hot weather as they fail to grow when the weather becomes too warm.

76—EARLY WHITE VIENNA

Bulbs are light green with white flesh. Pkt., 5c; oz., 35c.

LEEK

Culture is the same as onion. Chiefly used in soups, stews, and salads or any place where an exceptionally mild onion flavor is desired.

77—LONDON FLAG

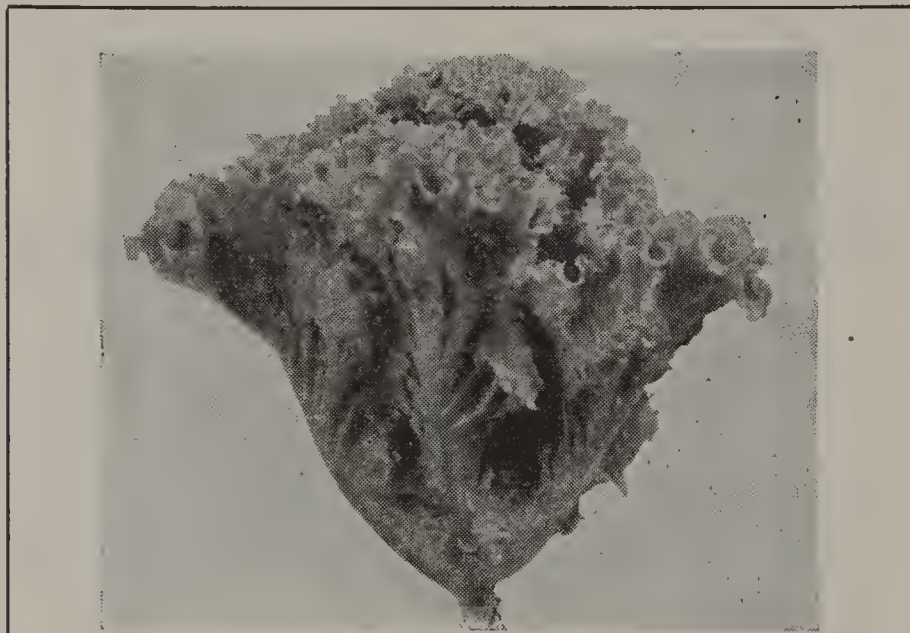
This produces round, thick plants. Pkt., 5c; oz., 25c.

Leek makes an ideal substitute for onions in fall and winter. Tastes as good but without the strong odor.

HEAD AND LEAF LETTUCE A Synonym for Salads

Quick, tender growth is necessary for quality lettuce. 1 package will sow 25 feet; an ounce from 150 to 200 feet. Discovery that green leaves are richer in Vitamins has revived the popularity of leaf lettuce, which is the easiest for the amateur to grow.

Leaf Varieties



78—GRAND RAPIDS

The most popular of the loose leaf types. Very tender, retaining its crisp tenderness when fully grown. Pkt., 5c; oz., 15c; 1/4 lb., 45c; 1/2 lb., 70c; 1 lb., \$1.25 postpaid.

79—PRIZEHEAD

This variety is misnamed as it produces loose leaves that are broad, crumpled, and tinged with red on the outside. Is very crisp and sweet. Pkt., 5c; oz., 15c; 1/4 lb., 45c; 1/2 lb., 70c; 1 lb., \$1.25 postpaid.

80—BLACK SEEDED SIMPSON

Very early and a good leaf variety if used when young. Pkt., 5c; oz., 15c; 1/4 lb., 45c; 1/2 lb., 70c; 1 lb., \$1.25 postpaid.

81—EARLY CURLED SILESIA

Similar to Early Curled Simpson but more tender. The best variety for you to plant for your early leaf lettuce. Pkt., 5c; 1/4 lb., 45c.

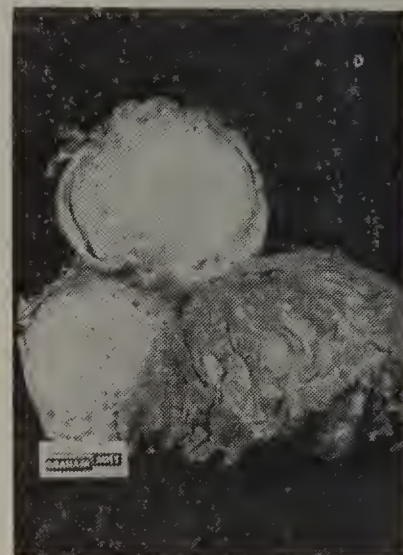
82—CHICKEN LETTUCE

Produces long bushy leaves. Provides an abundance of greens for poultry. If picked young, they are also tender enough for table use. Pkt., 5c; oz., 20c; 1/4 lb., 50c.

A wheel cultivator costing only \$4.00 will last for 20 years, and enable you to grow a better garden because more frequent cultivation with only about one-tenth the work of hoeing.

Headed Varieties

Head Lettuce should be thinned or transplanted allowing at least 15 inches between plants. Head lettuce can be grown in the Fall often more easily than in the Spring. The cool nights in this district are especially favorable for producing solid heads.



Improved New York No. 12

83—IMPROVED HANSON

This is the earliest of all the headed varieties. Has a firm cabbage-like head. Very white in the center and crisp and tender. Pkt., 5c; oz., 20c; 1/4 lb., 45c; 1/2 lb., 80c.

84—NEW YORK NO. 12

The best head lettuce for our climate. Large tightly folded heads are well bleached, crisp and sweet. Market gardeners prefer this variety. Pkt., 5c; oz., 30c; 1/4 lb., 65c; 1/2 lb., \$1.15; 1 lb., \$1.85.

85—ICEBERG

This variety has lost much of its popularity to the Improved New York. It is a good variety for home gardens, but unsatisfactory for shipping or selling to stores. Pkt., 5c; oz., 20c; 1/4 lb., 60c.

86—WHITE COS OR CELERY

Has an erect habit of growth with long, broad leaves that should be tied to blanch the inside. You should try this for salads. Pkt., 5c; oz., 20c.

MUSKMELONS

Sow when the ground has become thoroughly warm, in hills 5 to 6 feet apart each way. A few shovelfuls of well-rotted manure should be incorporated in each hill. Scatter 12 to 15 seeds on top of each hill and cover about 1/4 inch deep. Thin out to three or four strongest plants per hill. One ounce for 25 hills.



87—HALE'S BEST

By planting Hale's Best you can enjoy delicious fine ripened muskmelons. Melons are rather oval shaped, medium size with exceptionally thick flesh. An attractive salmon color. Pkt., 5c; oz., 15c; 1/4 lb., 45c.

88—EXTRA EARLY HACKENSACK

An adapted variety that has been standard for many years. Pkt., 5c; oz., 15c; 1/4 lb., 45c.

WATERMELONS

91—X-L NORTHERN SWEET

At last we have a good flavored watermelon that is a sure cropper in Montana. We have tried it since 1936 and all reports are enthusiastic over its flavor and earliness. Matured fruits average from 7 to 9 pounds. Flesh is dark red, tender and very sweet. Rind is gray-green with darker striping. Pkt., 10c; oz., 25c; ¼ lb., 90c postpaid.

92—COLE'S EARLY

Until the introduction of Early Northern Sweet this variety was considered standard for Montana. Bright red flesh, thin green rind. Black seeded. Pkt., 5c; oz., 15c; ¼ lb., 35c.

MUSTARD

90—SOUTHERN GIANT CURLED

Mustard greens are preferred by many discriminating people. Leaves are large, light green, with a mild agreeable flavor. Pkt., 5c; oz., 15c.

ONIONS

Yellow Varieties

93—SWEET SPANISH

Golden yellow, globe shaped. Flavor very mild. Yields very highly. Pkt., 5c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.35; 1 lb., \$2.50.



94

PRIZETAKER

Produces a very large bulb, sometimes running over a pound. Light straw color. Uniform shape. Pkt. 5c; oz. 20c; ¼ lb. 65c; ½ lb. \$1.05; 1 lb. \$1.90 postpaid.

95—YELLOW GLOBE DANVERS

This well known standard variety has pure white flesh. Is very crisp and quite mild. A dependable yielder that cures well and one of the best for winter storage. Pkt., 5c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.10; 1 lb., \$2.10 postpaid.

96—X-L MOUNTAIN DANVERS

The earliest onion and one of the best winter keepers. Not quite as large as Yellow Globe Danvers and a little stronger in flavor. This "sure-cropper" should be planted if you are afraid the season is too short for other varieties. Pkt., 5c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.10; 1 lb., \$2.10 postpaid.

97—RED WETHERSFIELD

A large flat onion, red skinned, white flesh. Is very desirable if the soil is poor. Pkt., 5c; oz., 20c; ¼ lb., 60c.

98—SOUTHPORT RED GLOBE

A perfect globe shape. Very hardy and a fine keeper. Pkt., 5c; oz., 25c; ¼ lb., 75c.



Make Money Growing Mushrooms

Mushrooms can be grown in almost any building, cellar, or shed which checks the wind. Ask for our free leaflet on "How to Grow Mushrooms."

Pure Culture Sterilized Spawn

Used by all the large commercial producers of mushrooms and equally as fine for the home gardener. Shipped with full cultural directions. FRESH BOTTLE SPAWN—Enough for 75 sq. ft. No. 89—\$1.00 postpaid.

OKRA

Okra pods are used in soups, stews and salads. It is a hot weather plant, but can be grown in the North much like corn, the plants being started indoors in paper pots. The pods should be gathered each day while still tender and pulpy.

92-A—Dwarf Long Pod—Low, bushy and productive. Pkt., 10c.

One ounce of Onion seed for 75 feet of drill, 1 pkt. to 20 ft.

Culture—Seeds may be sown early in the spring in rows 18 inches apart, and as soon as seedlings are 3 to 4 inches tall they should be thinned out to stand 3 to 4 inches apart in the row. Pull when tops begin to die down, cure, and sell, or store in a cool, dry place.

White Varieties

99—SOUTHPORT WHITE GLOBE

The most popular winter keeping white onion. Flavor is excellent. This variety is quite widely used for bunching onions by gardeners. Pkt., 5c; oz., 30c; ¼ lb., 80c; ½ lb., \$1.40; 1 lb., \$2.60 postpaid.

100—WHITE PORTUGAL OR SILVER SKIN

A beautiful silver white onion of flattened shape. Keeps well in winter. Also used when small for bunching and pickle onions. Pkt., 5c; oz., 25c; ¼ lb., 70c; ½ lb., \$1.25; 1 lb., \$2.25 postpaid.

101—LONG WHITE BUNCHING ONION

An onion that we introduced last year and which proved to be the best variety for green table onions. Produces fine white stalks with no bulbs. This onion may be sown in late August or September to produce green onions in the fall and early bunching onions the following spring. Pkt., 5c; oz., 25c; ¼ lb., 90c; ½ lb., \$1.60; 1 lb., \$2.75 postpaid.

102—WHITE PICKLING ONIONS

Selected because they will keep firm in the jar. Pickling onions do not have to be sown as early as those desired for winter supply. Pkt., 5c; oz., 30c; ¼ lb., 80c; ½ lb., \$1.40; 1 lb., \$2.60 postpaid.

ONION SETS

X-L Montana grown sets are graded to remove the large ones. This permits a greater number per quart and reduces the cost considerably.

103—YELLOW BOTTOM SETS

Postpaid 23c quart; not postpaid 15c quart.

104—WHITE BOTTOM SETS

Postpaid 28c quart; not postpaid 20c quart.

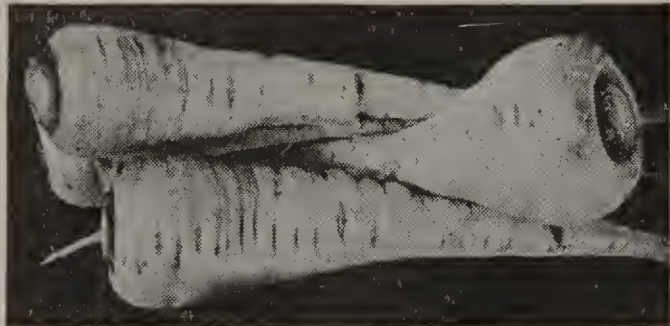
BERMUDA ONION PLANTS

Genuine Bermuda seed is sowed in southern Texas and the plants shipped to us when all danger of frost is past. These plants are set out and may be used for green table onions, but if left to mature will produce exceedingly large sweet onions. During the past few years many onions of the regular sorts or of the Sweet Spanish type have been grown in Washington and shipped into Montana and sold as Bermudas. We caution our customers to secure only fresh, live plants grown in Texas, if they wish to produce sweet onions. We can supply either Yellow Valencia or Crystal White plants. Approximately 100 plants to a bunch, 25c per bunch; 5 bunches, 85c; 10 bunches, \$1.40 postpaid; per crate, 60 bunches plants, \$5.00 not prepaid.

Notice—Count varies with size of plants and is not guaranteed.

PARSNIPS

One ounce of seed will sow 100 feet of dill. Sow as early in spring as conditions permit spacing drills 2 feet apart and covering seed about 1/2 inch deep. Thin the plants 4 to 6 inches apart.



107—NEW SHORT THICK

We believe that this variety will appeal to the many home gardeners who complain that parsnips grow too long and are too hard to harvest. Tops are small; roots short and thick, having a diameter of about three inches and a length of only 6 to 8 inches at the thickened part. Considerably earlier than Hollow Crown or Guernsey. Does not have the deep set crown so familiar in other varieties. Pkt., 5c; oz., 20c; 1/4 lb., 60c; lb., \$1.50.

108—HOLLOW CROWN

This is considered the best and most popular variety in cultivation. Roots grow 18 to 20 inches long. Pkt., 5c; oz., 15c; 1/4 lb., 35c; lb., 90c.

109—GUERNSEY

Roots slightly shorter than Hollow Crown and while the top is set well into the shoulder, flesh is generally thicker at this point. Roots taper uniformly. Pkt., 5c; oz., 15c; 1/4 lb., 35c; lb., 90c postpaid.

PARSLEY

Parsley, if sown in the open, should be planted thickly early in April, as it germinates slowly. Soaking the seed for a few hours in warm water will often hasten germination. When plants are well up, thin to 8 inches apart. Cut off leaves as used—new growth will appear which will be more curled. May be grown the year 'round in a window pot. 1 pkt. sows 10 feet.

105—CHAMPION MOSS CURLED

The finely curled leaves are a dark green in color and full flavored. Pkt., 5c; oz., 15c; 1/4 lb., 35c.

106—HAMBURG OR TURNIP ROOTED

The roots which resemble small parsnips are used for flavoring. Pkt., 5c; oz., 15c.

PEAS

Are Rich in Sugar

Therefore they should be picked when young and tender and cooked at once. Smooth varieties are not as sweet but they can be planted earlier. Sow the early, smooth types as soon as you can work in the garden, then continue planting every 10 days or 2 weeks with the mid-season and finally plant the heavy yielding late varieties during the last of May. Sow in rows 2 feet apart; spacing the seed about 2 inches apart in the rows; cover seeds about 2 inches. Be sure to inoculate with Nitragin before sowing.

110—ALASKA OR EARLIEST OF ALL

Smooth seeded. Pods are short, straight, and blunt. This pea, while small, is very popular because it will produce about two weeks ahead of the larger varieties. Vines are short enough that they do not have to be propped. Pkt., 5c; 1/2 lb., 20c; lb., 30c postpaid; not postpaid, 5 lbs., \$1.00.

111—AMERICAN WONDER

The earliest of the wrinkled varieties. Fairly sweet, of dwarf habit, and a good home garden pea. Pkt., 5c; 1/2 lb., 20c; lb., 35c postpaid; not postpaid, 5 lbs., \$1.00.

112—LITTLE GEM

A few days later than American Wonder. Quite a bit more productive. Flavor unusually sweet. Vines dwarf. Pkt., 5c; 1/2 lb., 20c; lb., 35c postpaid; not postpaid, 5 lbs., \$1.00.

114—LAXTONIAN OR ROOSEVELT

We have yet to find a pea that is as desirable for both home and market gardening use as Laxtonian. It is medium early and dwarf. Pods are long, usually containing 7 or 8 peas of very fine appearance and remarkable flavor. Without a doubt this pea should be the choice of everyone who plants only one variety. Pkt., 5c; 1/2 lb., 20c; lb., 35c postpaid; not postpaid, 5 lbs., \$1.25.

115—GRADUS OR WORLD'S RECORD

Gradus is medium late with vines about three feet high. Pods are long and well filled with exceptionally sweet and tender peas. Pkt., 5c; 1/2 lb., 20c; lb., 35c postpaid; not postpaid, 5 lbs., \$1.10.

116—BLISS EVERBEARING

A dwarf mid-season pea that will bear unusually long if kept well picked. Pkt., 5c; 1/2 lb., 25c; 1 lb., 40c postpaid.

114A EARLY GILBO

(A New Pea)

A strongly recommended pea that has a sturdy, dark, heavy vine 24 inches high filled with dark, pointed pods containing 7 to 9 large wrinkled peas that are sweet and juicy. Does not have to be propped. Ready in 69 days. Pkt., 5c; 1/2 lb., 25c; lb., 40c postpaid. Not postpaid, 5 lbs., \$1.35.

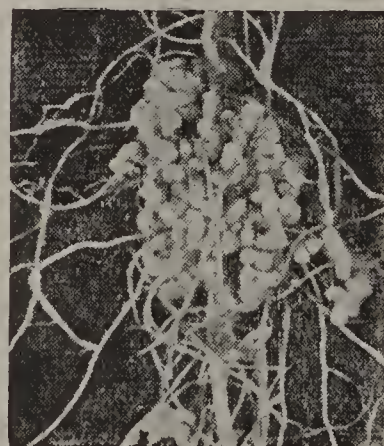


117—DWARF TELEPHONE

Dwarf coarse vines with broad, straight, and well-filled pods about 4 inches long. Peas are almost as large and plentiful as in the Tall Telephone, and, with the advantage of not having to stake, it is very popular. Pkt., 5c; 1/2 lb., 20c; 1 lb., 35c postpaid; not postpaid, 5 lbs., \$1.10.

118—TALL TELEPHONE

A late pea that will out-yield every other variety. Vines must be staked or supported in some manner. Pods are very long and are usually well filled with 7 to 9 plump peas. Pkt., 5c; 1/2 lb., 20c; 1 lb., 35c postpaid; not postpaid, 5 lbs., \$1.10.



INOCULATE PEAS WITH NITRAGIN

Garden peas inoculated with fresh Nitragin develop the nitragin-fixing bacteria nodules in far greater quantities than if not inoculated. This means stronger and more rapid growth with less loss in the seedling stage.

At left, Canning Pea root with nodules produced by Nitragin inoculation. Nitragin bacteria within the nodules aid in producing higher yields of better quality.

PEPPERS

Like egg plants and tomatoes, peppers should be started indoors, as they take four to five months to mature. They are easy to grow, thrive in cool weather and will endure some frost. The plants should stand eight to eighteen inches apart in rows. They are constantly becoming more popular, both in salads and for use in cooking. A dozen plants will supply an average family. One packet produces 50 plants.

119—CALIFORNIA WONDER



X-L California Wonder Peppers

This stump shaped pepper has flesh that is often $\frac{3}{8}$ in. thick. Crisp, juicy, and of mild flavor. It has passed every other variety in sales during the few years it has been on the market. X-L strain was selected for its earliness; also the thick flesh keeps it from turning red sooner than some of the other varieties. Pkt., 10c; $\frac{1}{2}$ oz., 30c; 1 oz., 50c postpaid.

120—LARGE BELL OR BULL NOSE

Very early, but rather hot, large size pepper. This has been an old favorite for many years. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c postpaid.

121—RUBY KING

Fruits $4\frac{1}{2}$ to 6 inches long. An average of $3\frac{1}{2}$ inches thick. Bright ruby red. Quite sharp in flavor and an excellent sort for pickles. Pkt., 10c; $\frac{1}{2}$ oz., 20c; 1 oz., 35c postpaid.

122—CHINESE GREEN

Fruits 4 to 5 inches long. Broad on top and of equal length. Stays green longer than any other variety. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c.

123 PIMENTO

X-L strain has unusually thick flesh. Pkt., 10c.

124 LONG RED CAYENNE

Very hot. Pkt., 10c.

A Plant of
Large Bell
or Bull Nose
Peppers



SELECTED SEED POTATOES

from non-irrigated farms in the Red River Valley. Heavy yields last fall showed the wisdom of planting our DISEASE FREE stock which we shipped from the Red River Valley. Due to limited storage space, we can handle only a limited amount so we urge that you place your order early. We will not make shipment until after March 20th.

EARLY OHIO—This well known, heavy yielding early variety is oval shaped, slightly pink color. Good eating variety and a good keeper for an early sort. Cwt., \$2.75; 50 lbs., \$1.50; 25 lbs., 80c F.O.B. Great Falls.

BLISS TRIUMPH—A little later than the Early Ohio; heavy yielding; round tuber; pink skin; snow white flesh. 100 lbs., \$2.75; 50 lbs., \$1.50; 25 lbs., 80c F.O.B. Great Falls.

BLUE TAG CERTIFIED BLISS TRIUMPH SEED—50c per cwt. higher than above.

IRISH COBBLER—A large white potato, medium late, excellent cooking quality and a good keeper. 100 lbs., \$2.75; 50 lbs., \$1.50; 25 lbs., 85c F.O.B. Great Falls.

SPECIAL NOTE

As the potato market fluctuates considerably and it is necessary for us to print this book long in advance of potato planting time, it is possible that prices may have advanced or declined slightly. Therefore, we will enter all orders for the full amount of remittance received at time you order.

Treat Your Potatoes With

SEMESAN BEL

Most Effective—Easiest to Use—Economical

See Pages 17-27.

PUMPKINS

Sow when the ground is warm and give the plants room to ramble. The partial shade of the sweet corn plot is ideal. A few hills will provide amply for pies and jack-o-lanterns.

125—EARLY SUGAR OR PIE

This is the most widely used pumpkin. Fruits generally weigh about 7 lbs. Just right for home use. Flesh is rich orange, thick, sweet and finely flavored, which makes it the most desirable for pie making. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 55c.

126—MAMMOTH KING

The largest pumpkin grown. Usually used for feeding purposes and as a novelty for fairs, etc. Pkt., 5c; oz., 15c.



Mammoth King Pumpkin, weight about 60 lbs. Picture also shows Northern Sweet Watermelon, Hubbard Squash and Sugar Pumpkins. This picture was sent to us by one of our customers who failed to include his name. If he will identify it, we will send him a check for \$1.00.

CRISP RADISHES

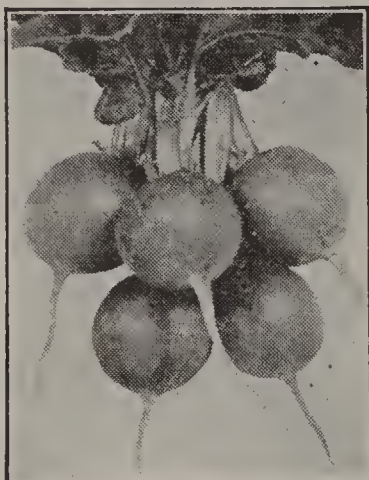
The universal garden favorite, are easy to raise from early spring to late fall.

One ounce of seed will sow 60 to 75 feet

CULTURE—Earliest sowings may be made as soon as frost is out of the ground. Cover seed about 1/4 inch. After May 1st, continue by sowing White Icicle. After June 1st, select any of the summer varieties, and around July 1st, sow the late but also large Winter Radishes for a fall and winter supply. All radishes, to do their best, should be thinned.

EARLY VARIETIES Also used for forcing

127—EXTRA EARLY SCARLET GLOBE SELECT



Scarlet Globe Select Radish

Market gardeners find this variety the most successful for greenhouse, hot-bed, and outdoor planting. Very early, crisp, mild and tender. Rich bright scarlet in color. Uniform globe shape with a good top for bunching. In the home garden successive planting should be made every 10 days to two weeks except during July. Resume planting at the end of August for fall radishes. **Selected market garden stock. Oz., 20c; 1/4 lb., 45c; 1 lb., \$1.25.**

129—SAXA OR GLOWING BALL

This is the earliest red radish and one of the most popular for the home garden. Small, round, and bright scarlet in color with a very small tap root. Tops are not heavy enough for bunching. **Pkt., 5c; oz., 15c; 1/4 lb., 40c; 1/2 lb., 65c; 1 lb., \$1.15 postpaid.**

130—EARLY SCARLET GLOBE White Tipped

A beautiful round radish, bright red with white base. **Pkt., 5c; oz., 15c; 1/4 lb., 40c; 1/2 lb., 65c; 1 lb., \$1.00.**



Scarlet Globe White Tip

MEDIUM VARIETIES

For Second and Third Planting and
Midsummer Use

128A—CRIMSON GIANT

An exceptionally firm, crisp radish often growing to size of small beets. Two weeks later than Saxa. **Pkt., 5c; oz., 15c; 1/4 lb., 40c; 1 lb., \$1.10 postpaid.**

132—FRENCH BREAKFAST

An old standard variety growing about 1 1/2 inches long. Rich scarlet with white bottom. **Pkt., 5c; oz., 15c; 1/4 lb., 40c; 1/2 lb., 60c; 1 lb., \$1.00 postpaid.**

133—WHITE ICICLE

Our strain of this well known variety has pure white roots about 6 inches long. Flesh is crisp and mild. **Pkt., 5c; oz., 15c; 1/4 lb., 40c; 1/2 lb., 60c; 1 lb., \$1.00 postpaid.**

134—LONG SCARLET

Similar to White Icicle except in color. **Pkt., 5c; oz., 15c.**

Winter Radish

Seeds should be sown from late in June to August. These radishes are the largest of all and can be stored for some time for winter use. When pulled they should be covered with sand and kept in a cool place.

135—BLACK SPANISH

Skin black and thick. Flesh crisp and white. **Pkt., 5c; oz., 15c.**

136—CHINA ROSE WINTER

Skin light pink. **Pkt., 5c; oz., 15c.**

RHUBARB

The most economical way of growing rhubarb is from seed. After the first growing season they should be transplanted to a permanent location.

137—STRAWBERRY

An excellent and handy sort for the home garden. **Pkt. 5c; 1/2 oz., 15c; oz., 25c.**

138 RHUBARB PLANTS

We can supply strong 2-year-old roots from a strain developed by Dan Payne, whose rhubarb has been famous in Great Falls for many years. Produces large stalks of a rosy strawberry color and delicious flavor. Payne's strawberry rhubarb will give you a new idea as to how rhubarb should produce and taste. **Roots 20c each; 6 for \$1.00. Postage: First root, 8c; each additional root, 2c.**



Dan Payne, dean of Great Falls gardeners, and two of his rhubarb stalks.

RUTABAGAS

One ounce to 100 feet—2-3 pounds per acre.

CULTURE—Same as for other turnips, except that the seed is generally sown from the later part of June until August. The rutabagas or swedes are generally grown for their winter keeping qualities, for which they are better than the other turnips.

139—AMERICAN PURPLE TOP

The best rutabaga both for table use and stock feeding. Has small tops and short neck. Roots globe shape, large size. Finest quality and an excellent keeper. **Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1/2 lb., 40c; 1 lb., 65c postpaid; not postpaid, 5 lbs., \$2.00.**

SALSIFY or OYSTER PLANT

CULTURE—One of the most desirable winter vegetables, and one which deserves to be more used. Before sowing, the soil must be stirred to considerable depth. Sow early and quite deep. Frost does not hurt the roots, but a quantity should be stored for winter in a pit or cool cellar before the ground freezes. An ounce will sow 75 feet.

144—MAMMOTH SANDWICH ISLAND

This variety is less liable to branch than most varieties, but coarse or fresh manure should not be used if smooth roots are wanted. **Pkt., 10c; oz., 20c.**

SPINACH Deserves Its Favorable Publicity

New strains have made this Vitamin vegetable the most popular of all table greens.

Spinach delights in cool, moist weather. Seed should be sown at the earliest possible moment in spring in rows one foot apart and thinned to six inches in the row. It matures in 45 to 50 days and quickly runs to seed in warm weather. Home gardeners have generally adopted Swiss Chard and New Zealand Spinach as a greens crop, as both may be cut many times and will produce a continuous crop until freezing weather in the fall. A fall crop of spinach may be sown in late July or August and will find the cool, moist autumn weather favorable for growth. The value of spinach in the diet has been scientifically established by the vitamin investigation.

SWISS CHARD (See page 3)

140—BLOOMSDALE LONG STANDING

A very long standing crumpled or typical Savoy type of spinach, dark green in color. It stands head well, is compact in growth and a popular variety for market. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

142—KING OF DENMARK

Large dark green slightly blistered leaves produced on plants that are low growing and which quickly produce a heavy crop that will not go to seed for one or two weeks. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 50c postpaid.

143—NEW ZEALAND SPINACH

Resists Hot Weather

Many people consider the flavor of this plant superior to regular spinach. Makes strong plants which will resist heat and give an abundance of green foliage during the entire summer and fall. Cannot stand frost. Pkt., 5c; oz., 15c; ¼ lb., 30c; 1 lb., 75c.

GROW MORE SQUASH

Summer Varieties

Are Richest in Flavor

One ounce of seed for 20 hills

CULTURE—It has been only recently that scientists have discovered the presence of remarkable quantities of vitamins in summer squash and doctors now prescribe an abundance of squash for children. Sow at corn planting time, in well-manured hills, 1 inch deep, the bush varieties 4 feet apart each way, the winter sorts 10 to 12 feet each way, and thin out to 2 to 4 plants to the hill.

145—VEGETABLE SPAGHETTI



Vegetable Spaghetti Grown by John Ross, Jr., Great Falls

A new variety of squash introduced by us three years ago. Fruits vary from 7 to 12 inches long, and from 4 to 7 inches in thickness. Flavor is much better than any of the squashes, being creamier and richer. In preparing them for table use, the usual way is to boil the fruits for 20 or 30 minutes without skinning them. They should then be cut, seeds removed, and the flesh may be scooped out in long strings resembling spaghetti—making this variety aptly named. Vegetable Spaghetti may also be baked. It does not take much room in the garden and we urge that you try this novelty which we predict will soon become a favorite. Pkt., 10c; oz., 25c; ¼ lb., 75c postpaid.

145A—ZUCCHINI

Italian Marrow Squash

This variety belongs to the Cocozelle type. The fruits are 12 inches long and have a dark green skin mottled and striped yellow at maturity. Thick, sweet, mealy, and tasty flesh. Pkt., 10c; oz., 20c.

146—MAMMOTH SUMMER CROOKNECK

A standard summer variety. Large dark yellow warted fruits. About 18 inches long. Pkt., 5c; oz., 15c; ¼ lb., 35c.

147—WHITE BUSH

An early summer variety. Fruits flattened and scalloped. About 8 inches in diameter. Smooth, creamy white skin. Pkt., 5c; oz., 15c; ¼ lb., 35c.

Winter Varieties

Are the Best Keepers

148—TABLE QUEEN

The best flavored of the winter squashes. Fruits are small acorn shape; about 5 or 6 inches long and 4 inches in diameter. Should be baked whole and then cut. A half squash makes a nice size for individual servings. Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 65c; lb., \$1.20 postpaid.

SNAP SHOTS WANTED

We appreciate hearing about your garden and especially like to receive snap shots like this one of **GREEN HUBBARD SQUASH** forms a background for the other vegetables in this picture sent in by Ed Beard of Conrad. Northern Sweet Watermelon, sugar beets and pumpkin are also shown.



149—GREEN HUBBARD

The old standard Hubbard squash. Improved in thickness and toughness of shell so that it keeps better during the winter. Flesh bright orange-yellow; skin dark green. Good size. Pkt., 5c; oz., 15c; ¼ lb., 45c; ½ lb., 75c; lb., \$1.35 postpaid.

150—GOLDEN HUBBARD

Similar to our Improved Hubbard, but a little smaller and earlier. Deep gold in color. Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 65c; 1 lb., \$1.20 postpaid.

151—MARBLEHEAD

Has the general shape of Hubbard Squash but the outer shell is a grayish-green color and comparatively smooth. Flesh is golden-orange and cooks very dry. Has been in great demand because of its keeping qualities. Pkt., 5c; oz., 20c; ¼ lb., 55c; ½ lb., 90c; lb., \$1.50 postpaid.



Early Bison

Early Strains of Solid, Meaty TOMATOES

CULTURE—Start your early tomato plants indoors, allowing 4 to 6 weeks to produce plants for setting out. Sow the seed in February or March in hot beds or in shallow boxes in the house, in rows 4 to 6 inches apart and half an inch deep. When the plants are about 2 inches high, transplant into 3-inch pots or shallow boxes 4 inches apart each way. Transplant in the open ground when all danger of frost is past, 3 to 4 feet apart each way. Cultivate frequently. An ounce will produce about 2000 plants.

154—EXTRA EARLY BISON

This tomato is of an exceptional value in Montana because it is extremely early and will do well with a limited amount of water. Of medium size and somewhat flatter than Earliana. Bison grows on a compact plant of self-pruning type. As much as 40 lbs. of ripe fruit is produced from one plant. Tomatoes are not uniform enough to be classed as good market variety, but for the home garden it cannot be beat. Seed supply very limited. Pkt., 10c; ½ oz., 30c; oz., 50c, postpaid.

152—NEW PENN STATE

This fine quality tomato was developed a few years ago by the Pennsylvania State College of Agriculture. It is one of the most popular that we have. Plants are of the self-topping type; short, thick vines; medium size fruits borne in clusters of four to six; are very solid and of an especially good flavor. The most remarkable thing about this tomato is the way in which it produces. No other variety will give you as much fruit per plant as Penn State. Pkt., 10c; ½ oz., 45c; oz., 80c.

155—JOHN BAER

A very popular bright red tomato, early and bearing a heavy crop of large, smooth, evenly ripened fruit. Pkt., 5c; ½ oz., 25c; oz., 40c, postpaid.

156—EARLIANA

(Selected Early Strain.) Grows a small but vigorous vine, globe shaped fruit, solid, and bright scarlet. Pkt., 5c; ½ oz., 25c; oz., 40c.

Stake tomatoes for more fruits—If tomatoes are kept tied to 4-foot stake more and better quality.



153—BREAK O'DAY

Was developed by the United States Department of Agriculture. Its main feature is its earliness and its ability to stand hot, burning weather without spoiling the fruit. Deep globe shape with small seed capacity, and thick, firm meat. Pkt., 5c; ½ oz., 25c, postpaid.

The following tomatoes are early and adapted to this climate:

- 157—BONNY BEST—Pkt., 5c; ½ oz., 20c; oz., 35c.
- 158—NEW STONE—Pkt., 5c; ½ oz., 20c; oz., 35c.
- 159—CHALK'S EARLY JEWEL—Pkt., 5c; ½ oz., 20c; oz., 35c.
- 160—RED HEAD—Pkt., 5c; ½ oz., 25c; oz., 50c.
- 170—PONDEROSA OR BEEFSTEAK—Pkt., 5c; ½ oz., 25c; oz., 50c, postpaid.
- 171—GOLDEN QUEEN—The best large yellow tomato. Fruits slightly flattened, bright golden yellow, firm and attractive. Pkt., 5c; ¼ oz., 20c, postpaid.
- 172—YELLOW PEAR—A preserving variety with fruits about two inches long, pear shape. Pkt., 5c; ¼ oz., 20c.
- 173—GROUND CHERRY—(Also known as Strawberry or Husk.) Vines are low and spreading, producing small yellow fruit and loose husk. Of rich, sweet flavor. Pkt., 10c; ¼ oz., 20c.



Purple Top White Globe Turnips Raised by H. Sujama, Havre

174—EARLY SNOWBALL

An especially nice all white early turnip, globe shape and with very sweet tender flesh. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 85c, postpaid.

TURNIPS

175—EARLY PURPLE TOP MILAN

A good variety for early use. Roots medium size with purple top. Fine grained and sweet. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 85c, postpaid.

176—PURPLE TOP WHITE GLOBE

In our estimation this is the best turnip for general use and the best to store for winter. Grows large but retains its globe shape. Flesh pure white, sweet, and remains fine grained even after turnips have reached an immense size. Very heavy yielder. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 45c; lb., 75c.

177—PURPLE TOP STRAP LEAF

A standard early variety. Roots flat, medium size. Purple or dark red above ground and creamy white below. Roots are in best condition for table when 2½ inches in diameter, but will grow much larger. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 65c, postpaid.

HARDY PLANTS FOR EARLIER VEGETABLES

SHIPPING DATE—All plants will be shipped, when to our judgment, danger of frost is over. If ordered with seeds or poultry supplies, balance of order will be filled and acknowledgment of plant order will be packed in shipment.

VEGETABLES

TOMATOES—We can furnish the following varieties: Break O'Day, Earliana, John Baer, Bison, and New Penn State. Please give second choice in these as we might be sold out of the first selection. Yellow Pear supplied only in 4-in. pots.

Tomato Plants

	Per Doz.	Wt.	Per Doz.
Tomatoes—Bench Planted	\$.50.....	3 lbs.	
Tomatoes—3-in. Potted	1.00.....	12 lbs.	
Tomatoes—4-in. Potted	1.50.....	18 lbs.	

PACKING COST:

Bench Planted, 5c doz. extra; 3-in. Potted, 10c doz. extra
4-in. Potted, 15c extra

Note: We do not recommend that 4-in. potted tomatoes be shipped by parcel post but only by express collect.

CABBAGE

We grow the following varieties: Golden Acre, Copenhagen Market, Danish Ball Head, Late Flat Dutch and Early Jersey Wakefield.

	NOT POSTPAID			POSTPAID		
	Per 12	Per 50	Per 100	Per 12	Per 50	Per 100
CABBAGE	\$0.15	\$0.50	\$1.00	\$0.25	\$0.75	\$1.25
CAULIFLOWER						
Early Snowball	.20	.75	1.50	.35	1.00	1.75
CELERY						
Giant Pascal....	.25	.85	1.50	.40	1.10	2.00

ASPARAGUS ROOTS

See page 2 for description
1 doz., 40c, postpaid; 50 for \$1.25; 100 for \$2.25

HORSERADISH

Each, 25c; postpaid, 33c.

CHIVES

Hardy perennial plants with a mild onion flavor. Per bunch, 15c.

RHUBARB

Dan Payne's special. See description on page 12.
Each, 20c; 6 for \$1.00.



An Abundance of JUICY STRAWBERRIES from your own garden

We feel sorry for those people who have not learned how easy and simple it is to grow your own strawberries. Two or three hundred plants will supply a family of 5 with fresh berries all summer and produce enough for canning your winter requirements. For home gardens the single row system is the best culture method—plants are set about 2 feet apart in rows that are 3 feet apart. Runners are used to fill space between plants. Plants set in May will produce berries in late June or first of July. Any blossoms that are on the plants when setting out should be removed, as well as the blossoms that appear during the first 10 days. Renew beds at least every 3 or 4 years.

We have eliminated all varieties in favor of the two listed below. They are absolutely outstanding.

✓ **ROCK HILL**—Many people confuse this new berry with the new Wayzata which it resembles. However, Rock Hill is of a sweeter, superior flavor and carries its dark red color entirely through the berry. May be picked every day and will out yield all other varieties. Berries are smaller than Gem. Limited quantity--order early. 25—\$1.00; 50—\$1.75; 100—\$3.00. Postage, 25 to 50 plants, 10c. For each additional 50, add 2c.

GEM—The best flavored of all strawberries. Extra large, bright red color, and very productive. Fruits are well shaped and excellent keepers. This is an everbearing variety that is self pollenizing. 25—50c; 50—90c; 100—\$1.50; 500—\$6.00. Postage, 25 to 50 plants, 10c. For each 50 additional, add 2c.

SPECIAL NOTE—Please order strawberry plants early, as the length of time that we can hold them in the store is limited and we disappoint many customers each year. No order for less than 25 plants accepted.

THE BOYSENBERRY

This wonderful new berry is destined to dominate the small fruit world. It produces truly huge fruits like blackberries in appearance but frequently measuring 2 inches in length. These berries are borne in great abundance and each one is an individual delight to the palate, whether eaten fresh, canned, or in jellies or pies. Reliable growers

pronounce them to be the highest in quality of all known small fruit. Should be grown the same as grape vines, that is, trained to stakes or along wires. Perfectly hardy.

25c each, 5 for \$1.00; postage and wrapping first plant, 10c; each additional plant, 3c.



How to Make A Beautiful Lawn

1. Spade to a depth of at least six inches and pulverize thoroughly.
2. Apply Vigoro at the rate of four pounds per 100 square feet. This assures an ample supply of all of the elements plants must get from the soil.
3. Work the Vigoro into the soil with a rake. Wait one day before seeding.
4. Sow our grass seed at the rate of four to five pounds per 1,000 square feet. If you sow by hand, sow half lengthwise and half crosswise.
5. Roll to imbed seed and insure perfect contact between seed and soil. A tamper or wide board can be used on small areas when a roller is not available.
6. Water thoroughly, using a very fine spray. Continue to water daily until seed germination is complete—three to four weeks—then water as needed but always water thoroughly. Light sprinkling encourages shallow roots.



The High Cost of Low Cost

The above picture was taken of a sample of seed purchased at a low cost. An analysis made by the Massachusetts Agricultural College showed that the good seed present in this mixture actually cost \$2.67 per pound. Don't be misled by false economy. It's most economical to buy quality products.

X-L LAWN GRASS MIXTURE

*Is Now
Hormonized*

Science a few years ago demonstrated the value of Plant Hormones in establishing root growth. Florists all adopted the procedure of treating cuttings with hormonizing liquids. Seedsmen soon saw the possibilities and treated grass seed with hormone powders. The results were astounding. Quicker germination and heavier turfs resulted. Millions saw the dramatic results in the lawns at the New York World Fair—marveled that new planted lawns could develop such wonderful turfs. Every pound of X-L grass seed is hormonized—at no extra cost. This means added assurance of getting a good lawn when you seed X-L Grass Seed.

X-L Mixed Lawn Grass

(HORMONIZED)

For a close, heavy turf of permanent grasses, sow X-L Lawn Grass according to our directions. Composed of heavy, plump seeds of deep rooted perennials that withstand winter killing and summer heat. This mixture contains White Dutch Clover and quick growing grasses to serve as a cover crop. Absolutely no timothy, orchard, or other coarse grasses usually included in lawn mixtures. Thorough seiving coupled with air washing eliminates chaff, inert matter and weeds. Per lb., 65c; 5 lbs., \$3.00; 10 lbs., \$5.70; 25 lbs., \$13.75. Add postage.

ECONOMY LAWN MIXTURE (NOT HORMONIZED)

Clean, quick growing grasses. No coarse grasses such as timothy, meadow fescue, etc. No inert matter or weeds. Lawns planted with this mixture will produce good turfs but will not withstand trampling nor be as permanent as our X-L Mixture. 1 lb., 45c; 5 lbs., \$2.15; 10 lbs., \$4.00; 25 lbs., \$9.50.

X-L SHADY NOOK LAWN GRASSES

Developed especially for places where it is difficult to get a stand with regular grass mixtures due to excessive shade. 1 lb., 75c; 5 lbs., \$3.50. Add postage.

X-L REGISTERED CREEPING BENT

To guard against adulteration of Bent grasses with Red Top (the seeds are scarcely distinguishable) purchase only registered seed. Bent Grass forms a heavy turf that is impregnable to weeds and wear. Requires frequent cutting and feeding with ammonium sulphate. 1 lb., \$1.00; 2 lbs., \$1.90; 5 lbs., \$4.50. Add postage.

X-L KENTUCKY BLUEGRASS

This fine bladed permanent grass with its dark green color forms the basis of all good mixtures adapted to Montana. Our seed is extra heavy and clean. 1 lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.25. Add postage.

VIGORO PRICES

100 lbs.....	\$4.50
50 lbs.....	2.75
25 lbs.....	1.60
10 lbs.....	.85
5 lbs.....	.45

F.O.B. Great Falls



You Can Grow Flowers

As Pictured in This Catalog

X-L Flowers are selected for their ability to grow in this section and for the ease with which they can be raised. Many varieties not listed in our book are unadapted to this locality or are too difficult to grow.

KEY TO SYMBOLS:

- (A) Annuals—Attain full growth from seed, flower and die first year.
- (B) Biennials—They grow from seed the first year, bloom and die the next.
- (P) Perennials—Continuous bloomers the second year after sowing.
- (R) Rock Garden Plants.

ABRONIA

1000—SAND VERBENA (A). Easy to grow, trailing plant with Verbena-like flowers of bright rose with white center. Pkt., 5c.

AFRICAN DAISY

1002—GOLDEN WEST (A) 18 in. Very easy to raise. Petals arranged daisy fashion with dark center ring. Mixed. Pkt., 10c; 1/4 oz., 35c.

M1003—BLUE EYED AFRICAN DAISY. Pkt., 10c.

AGERATUM (A)

1004—6 to 10 in. Deep, dark blue balls. Blooms profusely, making an excellent border flower and giving the color that you need to bring out the richness of your other flowers. Pkt., 10c; 1/4 oz., 35c.



Ageratum—Blue Ball

ANCHUSA (A)

1006—SUMMER FORGET-ME-NOT. 2 ft. Bears flowers in drooping clusters from July to October. Blossoms resemble Forget-Me-Nots, but are larger and of better color. Pkt., 10c; 1/8 oz., 20c; 1/4 oz., 40c.

ANCHUSA (P)

1008—ITALICA "DROPMORE" VARIETY. 3 ft. Hardy perennial that bushes out and makes a nice border. Flowers are produced all season. Pkt., 10c; 1/8 oz., 30c.

To prevent damping off of seedlings, dust flower and vegetable seeds with Semesan. 10c package. Treats enough seed for average home garden.



Alyssum

Unrivalled for edging plants, Alyssum are very easily raised and will stay in bloom throughout the entire summer. We especially urge you to try Lilac Queen this year.



Alyssum—Little Dorrit

1010—SWEET ALYSSUM (A) 10 in. Flowers white and sweet scented, blooms all season until frost. Pkt., 5c; 1/2 oz., 15c; 1 oz., 25c.

1012—LITTLE DORRIT ALYSSUM (A) 4 in. The best white Alyssum for low growing borders. Pkt., 10c; 1/4 oz., 25c.

1014—LILAC ALYSSUM (A) 9 IN.

Delicate lavender flowers which deepen in color with the approach of cold weather. During the last part of September they turn to a true deep lilac flower. Pkt., 10c; 1/4 oz., 25c.

1016—SAXATILE ALYSSUM (P) 1 ft. Masses of intense bright yellow flowers, very early. Excellent for rock garden and permanent border work. Pkt., 10c; 1/4 oz., 40c.

1018—AMARANTHUS (A)

2 1/2 ft. A colorful foliage plant of red, yellow and green leaves. Pkt., 5c.

1020—AMPELOPSIS

(BOSTON IVY). Rapid growing climber clinging to brick or stone. Dark green leaves which turn to crimson in the fall. Pkt., 10c.

1022—ANAGALLIS (A)

(PIMPERNEL). A bushy little plant covered with five petalled flowers. Mixed, 10c.

ARABIS OR ROCK CRESS (P)

1024—6 in. The spreading plant is covered with white flowers early in the spring. Excellent for rockeries. Pkt., 10c.

ARMERIA (P)

1026—9 in. An early, deep red flower used in borders and rock gardens. Pkt., 10c.

1028—AUSTRALIAN PEA VINE

A rapid growing vine that produces large clusters of rose colored flowers. Pkt., 10c.

Asters

1032—CALIFORNIA GIANTS (A)
2½ ft. Wilt-resistant. These double
asters combine the robust habit of
growth and length of stems that
was so distinct in the Early Beauty
type with blossoms the size of the
Ostrich Feather. Pkt., 10c; ⅛ oz.,
50c.

QUEEN OF THE MARKET (A) 16 in. Wilt-resistant. A fa-
vorite early aster that blooms two weeks ahead of most
other varieties.

1034, Rose; **1036**, Scarlet; **1038**, White; **1040**, Blue; **1042**,
Finest Mixed. Pkt., 10c; ⅛ oz., 25c.

GIANT CREGO (A) 24 in. (Ostrich Feather). Wilt-resistant.
Flowers with curled petals are on long stems. The plants
are strong and branching and remain in gorgeous flower
from late August until frost.

1044, Pink; **1046**, Blue; **1048**, Finest Mixed.
Pkt., 10c; ⅛ oz., 30c.

1050—EARLY BEAUTY (A) 30 in. Wilt-resistant. The large
flowers are borne on stiff stems and are excellent for cutting.

1052—Finest Mixed.

Pkt., 10c

1054—HARDY ASTER (P) (Michaelmas Daisy). Handsome
daisy-like flowers of easy culture, blooming late when flow-
ers are scarce. If seed is sown indoors very early and
seedlings set in open they will bloom the first season. Do
best in sunny location. Hardy annual. Height 2 to 3 feet.
Pkt., 10c; ⅛ oz., 50c.



Prize Winning X-L
Asters Grown by
Mrs. Fred Stevens,
509 Fifth Avenue
North

1056—BELLIS PERENIS (P). The daisy-like double flowers
are popular because of their bright color and long blooming
period. Mixed colors. Pkt., 10c; ⅛ oz., 50c.

BABY'S BREATH
(See Gypsophila)

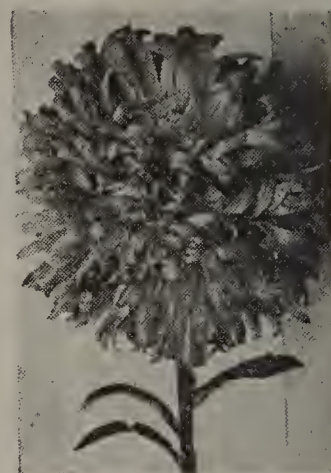
BABY BLUE EYES
(See Nemophila)

Flowers grown from X-L Seeds are consistent winners at
the North Montana State Fair, Great Falls Flower Growers
Show and various county fairs.

1030—SUPER GIANT LOS ANGELES (A)

This Award of Merit Winner is still our idea of the
most remarkable Aster introduced in recent years.
The flowers, 6 to 8 inches across, are a lovely soft
shell pink, and are borne on long stiff stems. Despite
the size, these flowers are very charming. Los An-
geles will do best if started indoors and transplanted.
Pkt., 20c; ⅛ oz., 50c.

1058—ASTER (Super Giant El Monte) (A). Is the
same type as Los Angeles but earlier and even
larger. Dark red color. Pkt., 15c.



Aster—Super Giant
El Monte

1060—IMBRICATED POMPON ASTERS (A). A most charm-
ing, rather early blooming type. The plants are of upright,
somewhat compact growth, about 15 in. tall, and lend
themselves admirably to bedding, cutting, and pot-culture.
The small, round, pompon flowers have a few rows of
short, broad outer petals, while the center petals are quilled.
Mixed colors. Pkt., 15c.

1062—HEART OF FRANCE (A). This is the largest flower-
ing of the very dark red sorts never
failing to attract favorable attention
by the richness of the deep ruby
blooms carried on long, strong stems
in September. They branch nicely
and make splendid, well-rounded
bushes 2 feet high. 10c.



Giant California
Sunshine

All colors mixed, pkg, 15c.

**1057—GIANT CALIFORNIA SUN-
SHINE (A)**. Striking flowers, 4 in.
and more across, are freely borne
on stiff stems, 18 to 20 inches long.
The long, loosely placed outer pet-
als are of varying colors in lovely
contrast to the creamy yellow or
blue centers which are composed of
many showy, tiny quills. Midsea-
son; 2½ feet.

Bachelor's Button (a) CORNFLOWER

1064—DOUBLE MIXED. Very easy
to grow and blooms continuously.
Pkt., 5c; ¼ oz., 20c.

1066—JUBILEE GEM (New). Dwarf,
compact plants, about 1 foot tall,
literally covered with dark but viv-
id double blue flowers. Fine for
edgings, borders, rock gardens and
pots. Pkt., 10c.

1068—DOUBLE BLUE. Florist
strain, large type flowers, perfectly
double. Combine this with orange
flare Cosmos for a colorful bouquet.
Pkt., 10c; ¼ oz., 25c.



X-L Bachelor's Button

1070—RED BOY. A new Bachelor's Button. Very deep red
and true double. Pkt., 10c; ¼ oz., 50c.

1072—BALLOON VINE (A)

A free growing vine 10 feet high. The seed pods resemble
miniature balloons. Pkt., 5c.

1074—BRACHYCOME (A)

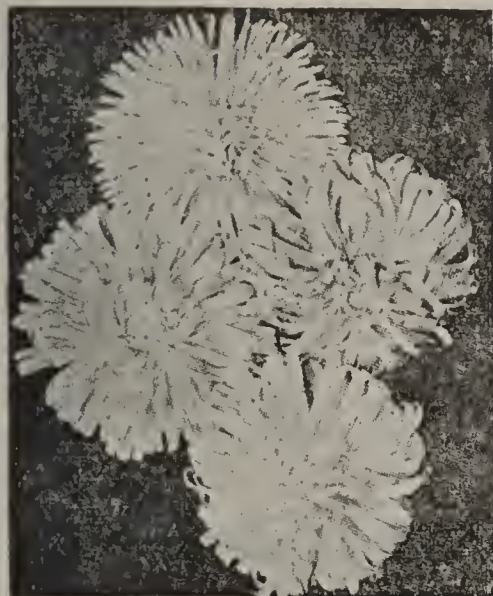
(Shown in Color on Back Page)

(SWAN RIVER DAISY). These low growing plants are
covered with dainty flowers that resemble small cinerarias.
Very desirable for edging small beds and pot culture. Pkt.,
10c; ¼ oz., 35c.

Calendula (a)

The most dependable flower for cutting, so easy to raise that they are always in children's gardens.

1080—CHRYSANTHA OR SUNSHINE (Gold Medal Winner). Entirely free from the Calendula odor. Large double flowers. Beautifully formed and of a pleasing buttercup yellow color. Petals are so formed that they give the flower a globular effect. Pkt., 10c; ½ oz., 30c.



Calendula Orange Shaggy

1082—ORANGE SHAGGY (Gold Medal Winner). Petals are long and deeply fringed with edges overlapping in irregular fashion, thus accounting for the name. Color is deep orange shading to lighter orange in the center, giving a two-tone effect. Long stems, height 18 inches. Pkt., 10c; ¼ oz., 50c.

1084—ORANGE KING. A glowing orange flower; rather formal and abundantly carried on upright bushes. Pkt., 10c; ½ oz., 30c.

1086—RADIO 18 in. The flowers are medium size, clear orange petals are beautifully quilled, giving you something new in Calendula beauty. Pkt., 10c; ¼ oz., 25c.



Calendula Chrysantha

1088—DOUBLE MIXED CALENDULA. Light and dark shades of the standard Calendula. Pkt., 5c; ¼ oz., 20c.

1076—CATHEDRAL BELLS (A)

(COBEA). One of the handsomest rapid growing climbers. The bell-shaped flowers open a clear green, but turn lilac. Seed should be sowed edgewise. Very vigorous and prolific bloomer. Pkt., 10c; ¼ oz., 25c.

1078—COLEUS (P)

A large decorative foliage plant. No two plants alike in color. For beds, pot culture and also excellent for window boxes. Pkt., 10c.

CALIFORNIA POPPY (A)

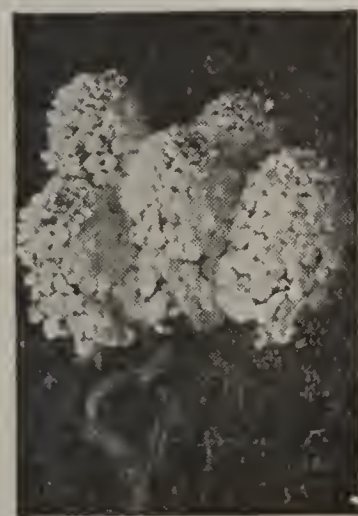
The state flower of California and one of the most attractive annuals for bed edging or masses.

1090, Pure Gold; 1092, Crimson; 1094, Finest Mixed Pkt., 10c; ¼ oz., 35c.

1096—CALLIOPSIS (A)

Petals are arranged daisy fashion with contrasting centers. They are thrifty and vigorous, blooming through the entire summer. Excellent for cutting. X-L finest mixed. Pkt., 5c.

Candytuft (a)



Hyacinth Flowered
Candytuft

1098—GIANT HYACINTH FLOWERED. Large bold spikes resemble hyacinths. Effective for showy garden border and for cutting. We find that this flower is very little known to most people, but if you try it once we believe that you will add it to your "must plant" list. Pkt., 10c; ¼ oz., 25c.

1100—UMBELLATA. This is the standard Candytuft that has been popular for years. Flowers are arranged in umbrella form and our mixture will give you a lot of color in your border.

1102, Mixed; 1104, Carmine; 1106, Lilac Pkt., 10c.

CARNATION (A)

1108—ANNUAL MIXED. A favorite flower for pot culture and may also be grown easily out-doors if started inside and transplanted. Mixed colors. Pkt., 10c.

1110—CHAUBAUD'S GIANT DOUBLE. Mixed. Pkt., 10c.

1120—HARDY CARNATION (P)

Deep red flowers 1 inch in diameter borne on long stiff stems. These plants branch. Plant increases in size from year to year and is one of the most desirable of all perennials. Pkt., 10c.

Campanula (p)

(CUP AND SAUCER CANTERBURY BELLS). Everyone knows this biennial which inevitably seeds itself so that it remains permanently from year to year.

1112, Dark Blue; 1114, Rose;

1116, Finest Mixed.

Pkt., 10c; ⅛ oz., 35c.

1118—ANNUAL CANTERBURY BELLS (A). If started inside and transplanted will come into bloom early in the summer. Mixed colors. Pkt., 10c; ⅛ oz., 50c.



Annual Canterbury Bells

1122—CARDINAL CLIMBER (A)

A strong rapid growing annual vine often reaching the height of 25 ft. Covered with fiery red blossoms about 1 in. in diameter. Does especially well in a sunny situation. Pkt., 10c; ¼ oz., 40c.

1124—CANARY BIRD VINE (A)

A dainty vine 15 ft. high with delicate flowers of clear canary yellow. Does well in shade. Pkt., 5c; ½ oz., 30c.

1126—CASTOR-BEAN (A)

(RICINUS) 8 ft. Giant strong growing plants with large and colorful leaves, used for garden fences, etc. Pkt., 5c; oz., 25c.

Peat Moss used liberally means better flowers

To prevent damping off of seedlings, dust flower and vegetable seeds with Semesan. 10c package. Treats enough seed for average home garden.



COCKSCOMB

An Easy Flower
to Raise

**1128
CELOSIA (A)
COCKSCOMB**

The vivid blossoms are sometimes gracefully arranged like plumes from which they get their name. They retain their brilliant coloring from mid-summer until frost. **Pkt., 10c; 1/8 oz., 35c.**

1130—CHINESE WOOLFLOWER (A)

Cluster flowers resemble balls of yarn with many blossoms on each plant. **Pkt., 10c.**

1132—CHINESE LANTERN PLANT (P)

1 1/2 feet. Produces balloon-like husks the second year from seed, which turn bright red when ripe and resemble Chinese lanterns, useful in winter bouquets. **Pkt., 10c.**

CHRYSANTHEMUMS (A)



Chrysanthemum Single Mixed

ANNUAL VARIETIES. The annual Chrysanthemums or Painted Daisies are very showy and effective favorites which should be used more widely because they are easy to grow and give a splendid display in the garden besides yielding plenty of flowers for cutting. They grow about 2 feet high and bear a profusion of large, daisy-like flowers carried upright on fine, strong stems.

1134—Mixed. Pkt., 10c.

1135—EL DORADO. Silver medal winner 1934. Golden yellow, dark eye. **Pkt., 10c.**

1136—CLARKIA (A)

2 ft. One of the most popular of all flowers because they are so easy to grow and their graceful beauty is unexcelled for bouquets. Our X-L strain is nearly 100 per cent double. Finest mixed. **Pkt., 10c; 1/4 oz., 25c.**

X-L Clarkia Repeats. Last year Mrs. Paul Dierberger, this year Mrs. J. C. Zeman, both first prize winners at North Montana State Fair.

Clarkia Double

Columbine (p)

1138—MRS. SCOTT ELLIOTT HYBRIDS. The blooms are large and the spurs very long. The soft pastel tones run the gamut of color from red to deep yellow. **Pkt., 15c.**

1140—ROCKY MOUNTAIN. Pure blue; is not long spurred. **Pkt., 10c.**

COREOPSIS (P)

A most useful class of hardy perennials providing a great quantity of showy large golden yellow flowers starting in June and continuing for several months. Seed may be sown from early spring until late summer. Also splendid for cutting.

1142—SINGLE GIANTS. Pkt., 10c.

1144—DOUBLE SUNBURST (New). This double form is a great improvement over the older semi-double variety. The color of the well-rounded flowers is brilliant golden yellow. **Pkt., 15c.**

Cosmos (a)

To provide bouquets all summer and fall

1146 — ORANGE FLARE (Gold Medal Winner). We especially recommend this flower for Montana because of its earliness. Plant where it will receive the full sun and it will make a gorgeous sight from June on, being covered with orange flowers with a beautiful background of green foliage. We cannot be too enthusiastic about it. **Pkt., 10c; 1/8 oz., 30c.**



Orange Flare Cosmos

1148—COSMOS SENSATION PINKIE. The new Sensation type Cosmos, which incidentally, was developed in Montana, is today the favorite for cut flower use. Flowers are of immense size, 4 to 5 inches across with broad, heavy fluted petals which slightly overlap. These large flowers are carried on very long strong stems, and are freely produced on plants which have fairly heavy growth of foliage and reach a height of 3 to 4 feet. They are comparatively early, although not as early as Orange Flare. Pinkie is a delightful rose-pink shade. **Pkt., 15c.**

1150—SENSATION COSMOS. Pure white. **Pkt., 15c.**

1152—SENSATION MIXED COSMOS. All colors. This year we are able to offer Sensation Mixed Cosmos entirely instead of the older and smaller types. **Per packet, 10c; 1/4 oz., 30c.**

1158—EARLY DOUBLE CRESTED COSMOS. The plants are covered with blooms and are most attractive for either garden or table decoration. They have beautiful double petals and long stems. Height, 3 feet. Mixed. **Pkt., 10c.**

1162—CYPRESS VINE (A)

10 ft. A very graceful, twining annual climber with delicate, fern-like foliage and a profusion of star-shaped blossoms. Mixed scarlet and white. **Pkt., 10c; 1/2 oz., 20c.**

1 lb.	10c
5 lbs.	45c
10 lbs.	85c
25 lbs.	\$1.60
50 lbs.	\$2.75
100 lbs.	\$4.50

F. O. B.
Great Falls

Feed Everything You Grow
with this complete,
balanced diet

VIGORO
Complete plant food



2500

Dwarf Cup Flower

NIEREMBERGIA HIPPOMANICA

(Pictured in color on inside front cover)

Last year many people took our word for the beauty of this little flower. This year they will take their neighbors', and as in most cases where they saw them, they will boost them as enthusiastically as we did. They are not difficult to germinate if treated the same as pansies.

Flowers are lavender-blue with touch of yellow at center. Plants are compact 6 to 8 inches tall and spread about 8 to 10 inches. Foliage is attractive but little noticed because of the HUNDREDS of flowers in bloom at one time. Use for bedding, for borders, window boxes, or in flower pots. Culture same as pansies. Pkt., 25c; 5 pkts., \$1.00.



Dwarf Cup Flower

1164—DAHLIA (A)

3 ft. For Dahlia Tubers see page 33. All types of Dahlias may be grown easily from seed and will bloom the first year. We promise you many surprises in the types and colors that you will produce from the same package. Mixed. Pkt., 10c.

M1166—All colors, newer types, dwarf, single and double. Pkt., 15c.

1168—DIANTHUS (A)

1 ft. Single flowering large Jap Pinks. Flowers are 2 to 3 inches in diameter; pink, rose and white and many with rose and red centers. Pkt., 10c.

1170—DELPHINIUM (P)

LARKSPUR—2 to 3 feet. Modern Delphinium has become the outstanding flower in the perennial border. In good soil they will grow 6 feet tall with huge spikes of delicate shades. If the blossom is cut down a second flowering spike is produced in the same season. The X-L strain has been a consistent winner in flower shows for several years. Pkt., 10c.



X-L Delphinium

1172—DIGITALIS (P)

FOXGLOVE—3 to 5 ft. A stately ornamental plant especially adapted for perennial borders and for planting among shrubbery. They are distinctly beautiful with their tall long spurs of brilliant colors. Pkt., 10c.

1174—DOLICHOS (A)

HYACINTH BEAN. Rapid annual climber, leaves are quite large and provide good shade, with their violet colored flowers that resemble sweet peas. Pkt., 10c; oz., 30c.

DOUBLE DAISY

(See Bellis)

1178—DUSTY MILLER (A)

A foliage plant that looks well in window boxes or in beds in the garden. The leaves are silvery white. Pkt., 10c.

1180—EUPHORBIA (A)

SNOW ON THE MOUNTAIN—2 ft. A strong growing annual that looks especially well in mixed borders. The foliage is very ornamental and works in well with most bouquets. Pkt., 10c.

1182—FORGET-ME-NOT (P)

6 to 8 inches. These dwarf plants do fine in damp shady places. The early dwarf blue variety is considered one of the best for borders and for rock gardens. Pkt., 10c.

1184—CHINESE FORGET-ME-NOTS

CYNOGLOSSUM (A). A very showy and exceedingly free-flowering annual of easiest culture. Produces a great profusion of showy Forget-Me-Not-like blooms throughout the spring and summer; 24 inches. Pkt., 10c.

1186—FOUR O'CLOCK (A)

This old-fashioned flower of bushy habit bears profusely. Flowers are white, yellow, crimson and violet. As a hedge plant, its glossy foliage is closely set and dotted all over in the afternoon with a multitude of flowers. Roots may be lifted in the fall and stored like Dahlias to be replanted in spring. This will result in larger plants, with more flowers. Mixed. Pkt., 5c; cz., 25c.



Four O'Clock

FOXGLOVE

(See Digitalis)

GAILLARDIA (A)

1188—BLANKET FLOWER—20 in. Orange and yellow flowers with dark centers. Continually in full bloom from early summer till fall. Mixed. Pkt., 10c.

1190—INDIAN CHIEF. Glistening metallic bronzy red with dark center. Single. Pkt., 10c.

1192—GAILLARDIA PERENNIAL SINGLE. One of the best perennials for cut flowers. Blooming continuously from June till late frost. Pkt., 10c.

1194—GERANIUM (P)

2 feet. Will grow from seed and many new varieties will be found in each package. Plants should be taken indoors before frost. Pkt., 10c.

1196—GEUM (P)

A splendid class of hardy perennials blooming throughout the summer. Orange scarlet. 10c.

1198—GILIA (A)

QUEEN ANNE'S THIMBLE. This easily grown annual is a lovely and graceful subject with fine feathery foliage and globular heads densely set with light lavender-blue flowers. Grows 2 feet high and blooms continuously throughout the summer and fall. Pkt., 10c.

GLOBE AMARANTH (A)

1200—MIXED. The clover-like flower can be dried for winter bouquets. Easy to grow from seeds sown in spring where it is to bloom; 2 feet high. Pkt., 10c.

1202—GODETIA (A)

An attractive hardy annual, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of satiny texture in many rich and varied colors. They do best in a rather poor soil. If more people would try Godetia they would soon become as popular as zinnias. Pkt., 10c; 1/4 oz., 25c.

GYPSOPHILA

Baby Breath

These mist-like flowers are well known for finishing and filling out bouquets. They will thrive almost anywhere and can be had in both annual and perennial.

1204—ANNUAL LARGE FLOWERING WHITE—2 ft. Pkt., 5c; 1/4 oz., 15c.

1206—ANNUAL PINK. Pkt., 10c; 1/2 oz., 20c.

1208—PERENNIAL DOUBLE WHITE. An exceptionally fine variety. Pkt., 10c; 1/4 oz., 30c.



Godetia

1240—HONESTY (B)

LUNARIA—MONEY PLANT. Grown extensively for the round, silvery white, paper-like flattened partitions of the round seed pods, which, when dried, make attractive winter decorations. While it is a biennial, it will flower the first year if seed is sown early. Flowers are purple. Grows almost anywhere; 4 feet. Pkt., 10c.

HUNNEMANNIA (A)

1242—BUSH POPPY—These golden yellow poppies are borne on shrubby bushes about 1 1/2 feet high. Petals are broad and crinkled, and its effect is very pleasing both in the borders and bouquets. Pkt., 10c.

M1243—SUNLIGHT. Large bright yellow. Pkt., 15c.

HYACINTH BEAN

(SEE DOLICHOS)

1244—HELIOTROPE (A)

A fragrant and beautiful flower that lasts for a long time. For best results seed should be sowed inside early in the spring and transplanted. Mixed colors. Pkt., 10c.

1246—JAPANESE HOP (A)

A charming climber attaining growth of 20 to 25 feet in a few weeks. Not injured by insects or by heat, and the vine retains its beauty until frost. Pkt., 10c; 1/4 oz., 25c; 1/2 oz., 40c.

KOCHIA

(See Mexican Fire Bush)

1248—KUDZU VINE (P)

50 feet. A permanent vine that makes good growth the first year. Flourishes where nothing else will grow. Large leaves of brightest green afford a dense shade. Flowers dark purple. Pkt., 10c; 1/4 oz., 30c.

1252—LATHYRUS (P)

PERENNIAL SWEET PEA. A climbing plant with choice clusters of sweet pea-like flowers. Succeeds in almost any kind of soil and location. Pkt., 10c; 1/2 oz., 35c; oz., 65c.

Ornamental Gourds



Easily grown in any good garden loam, as you would squash or other vine crops; or they may be trained on trellises, fences, stone walls, or arbors. The ripened fruits are used for ornaments.

1210—CALABASH. For making pipes and penguin ornaments.

1212—DIPPER OR SIPHON. The hollowed fruits will hold about one quart.

1214—DISHCLOTH (Luffa). The fibrous interior may be used like a sponge.

1216—HERCULES CLUB. Enormous, club-shaped fruits, 3 to 4 feet long.

1218—BIRD'S NEST. For love bird nests and table ornaments.

1220—CAVEMAN'S CLUB. Knobby, club-shaped, dark green.

1222—FINE MIXED. All the above varieties and some other good ones in mixture. All above varieties, pkt., 10c; 1/2 oz., 20c; oz., 35c.

1224—HELICHRYSUM (A)

STRAWFLOWER—30 in. A beautiful flower when growing, and a prize for winter decoration of vases and for table bouquets. Flowers for drying should be gathered when partially unfolded and suspended with their heads downward in a cool place. All colors mixed. Pkt., 5c; 1/8 oz., 20c.

1226—DOUBLE HOLLYHOCKS (P)

Hollyhocks are truly a perennial plant, but are planted early in April and will generally flower the first year. Our seed is of choicest double varieties.



Helichrysum

1228, Triumph Mixed; 1230, Crimson; 1232, Deep Rose; 1234, Salmon; 1236, Yellow; 1237, Newport Pink; 1238, White. Any of above, pkt., 10c. M1239, Indian Spring, pkt., 15c.

Larkspur (a)

X-L GIANT IMPERIAL STRAIN

An exceptionally easy flower to grow and very desirable for bouquets or for bedding. Our X-L strains have been improved so that they are nearly 100 per cent double and have exceptionally long spurs. For early flowers fall planting is recommended. To hasten germination in the spring and summer, it is recommended that the seed be chilled several days in the refrigerator.

1254—DARK BLUE

1256—PINK

1258—WHITE

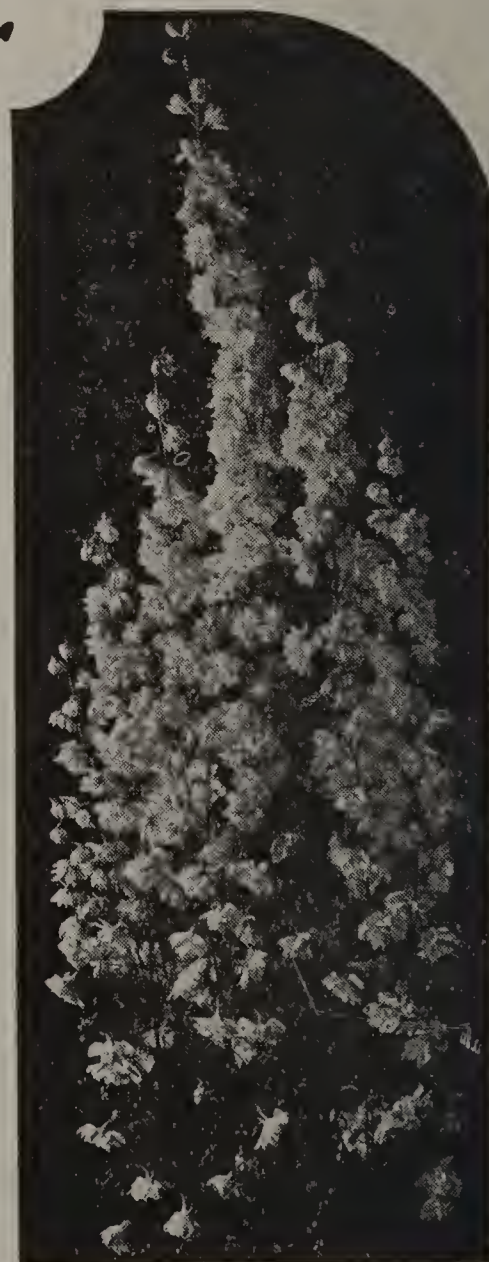
1260—LILAC

1262—LUSTROUS
CARMINE

Above colors—Pkt., 10c;
1/4 oz., 25c; 1/2 oz., 40c.

1264—FINEST MIXED

Pkt., 10c; 1/4 oz., 20c; 1/2 oz., 35c; oz., 60c.



X-L Giant Imperial Larkspur

Lavatera

(a)

Annual Mallow

1266—SUNSET SPLENDENS.

Lovely satiny pink bowl shaped flowers on bushy, well filled plants. This flower is so easy to grow and makes such a nice appearance that everyone should plant a row of it. Pkt., 10c; 1/4 oz., 50c.



Lavatera

1272—LOBELIA (A)

DWARF CRYSTAL PALACE—4 in. This variety is the deepest blue of Lobelias. It has very dark foliage and is excellent for edging. Pkt., 10c; 1/8 oz., 60c.

1268—Linum or Scarlet Flax (A)

10 in. A well known showy and effective bedding plant. Flowers are deep crimson with black centers. Pkt., 5c; 1/4 oz., 20c.

1270—Perennial Flax (P)

18 in. Same type flower as Scarlet Flax, but grows 6 or 8 inches higher. Will sometimes blossom from seed the first year and is very hardy. Color clear light blue. Pkt., 10c.



Linum Rubrum

LUPIN (A)

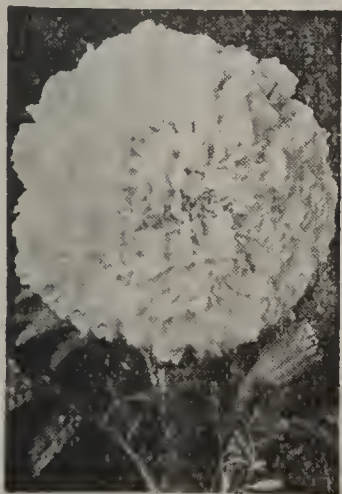
1274—18 in. You will find that Lupins are easy to grow if you will inoculate them before planting with Nitragin. These beautiful perennials have long spikes in all the pastel shades from June until September. Do very well in sandy soil. Pkt., 5c; 1/2 oz., 20c.

M1275—KING LUPIN (Giant). All colors. Fkt., 10c.

M1276—TEXAS BLUE BONNET. Pkt., 10c.

Marigolds (a)

Now you **MUST** plant Marigolds. The new varieties are either odorless or sweet scented, thus removing the one objection that this most popular flower had.



Marigold—Sunset

1278—SUNSET GIANTS

Sunset Giants are the very largest Marigolds, developing flowers averaging 5 inches in diameter. The definite sweet scent of the flowers makes it very desirable for cutting. The flowers, full centered of fairly loose formation, with broad heavy petals gracefully overlapping, are of great depth and the color is generally a deep golden orange. It comes into bloom in this section during August. For earlier blooms plants should be started inside. Flowers are over 90 per cent double. Fkt., 15c.

1282—YELLOW SUPREME

A large bloom of delicately mild honey fragrance, with broad, loose, frilled petals of a rich, creamy lemon-yellow. Holds freshness fully a week to 10 days when cut. Plants are remarkably healthy, vigorous and free branching with foliage which is practically free from that objectionable Marigold odor. Pkt., 10c.

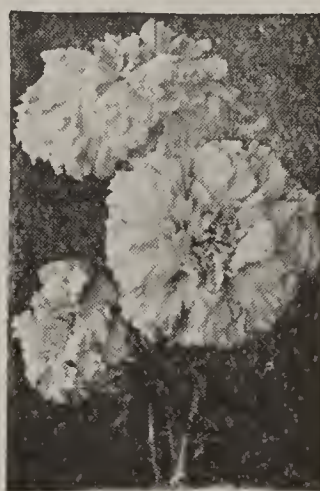
1284—CROWN OF GOLD. This flower is the only gold medal winner in the All-American selection for 1937. It was given much publicity which seemed to have been justly deserved. It has absolutely no trace of the Marigold odor in the foliage, stems or flowers. Flowers are medium size, about 2 1/2 inches in diameter, are a lovely orange shade with a full crested center followed by a single row of broad guard petals. Unusually good for cut flowers. Blossoms early and lasts well. Pkt., 10c.



Crown of Gold

MARIGOLD SPECIAL

1 pkg. each of the following newer and better varieties. Sunset Giants; Yellow Supreme; Crown O'Gold and Guinea Gold. Postpaid for only 35c.



Guinea Gold

1280—GUINEA GOLD. This carnation flowered type produces from 30 to 40 flowers to each bush. They are usually 2 to 2 1/2 inches across, brilliant orange flushed with gold. The odor is quite mild, flowers early and excellent for cutting. Pkt., 10c; 1/8 oz., 30c.

1286—LEMON BALL—30 inches. A splendid bright lemon yellow flower of good size and practically all double. Pkt., 10c; 1/4 oz., 25c.

1288—ORANGE PRINCE (A). A double African Marigold with large double quilled flowers of a rich golden orange. Pkt., 10c.

1290—DOUBLE AFRICAN MIXED. A well-balanced mixture of the tall African sorts. Pkt., 5c; 1/4 oz., 25c.

1292—DIXIE SUNSHINE—3 ft. Clear bright yellow, long-stemmed double flowers about 2 1/2 inches across. Pkt., 15c.

DWARF FRENCH MARIGOLD

1294—HARMONY. Gorgeous blossoms with cushion-like centers of fluted, deeply cut golden orange petals, surrounded by several rows of reddish brown outer petals. Early and free-blooming. One of the most popular. Pkt., 10c.

1296—ROYAL SCOT ALDDOUBLE. Practically alldouble flowers of rich mahogany and gold in uniform stripes. Attractive. Pkt., 15c.

1297—MIXED (A)—10 to 12 inches. Beautifully marked flowers of all shades of yellow and brown. Pkt., 5c; 1/4 oz., 25c.

1300—LEGION OF HONOR—9 in. A lovely single-flowered variety producing from June until frost masses of golden yellow single blooms marked with velvety crimson at the base of each petal. Pkt., 10c.

1298—TALL JOSEPHINE. Showy plants with large single blooms of rich golden yellow with maroon center; 3 feet tall. Excellent for cutting. Pkt., 10c.



Marigold French Dwarf



Kochia

1302—MEXICAN FIRE BUSH (A)

3 to 4 ft. You have admired this easy-to-grow annual hedge during the summer when it is dark green and in the fall after it has changed to brilliant red. Very easy to grow. Pkt., 5c; 1/4 oz., 20c.

1304—MIGNONETTE (A)

1 ft. This well known sweet scented flower should be planted in April and in July so that a succession of blooms may be had from early summer until heavy frost. Pkt., 5c; 1/4 oz., 25c.

1312—MOONFLOWER (A)

10 to 15 ft. A rapid grower with beautiful large white blossoms which open in the evening. Splendid for shade. Pkt., 10c.

MOURNING BRIDE

(SEE SCABIOSA)



A Square Meal— Gorgeous Flowers

The sparkling new varieties of flower seed we offer can only be expected to do their best if supplied with the eleven essential plant food elements. To be sure, feed with

SOME "DO'S"

Feed everything you grow with Vigoro.

Keep the Vigoro off the stalks and leaves.

SOME "DON'TS"

Don't use Vigoro as you would old-fashioned fertilizers. You need far less.

Don't think that because a little is good a whole lot is better.

Don't take someone's word for it; read the directions.

Vigoro is the complete scientific plant food. Used by millions.

for better perennials

VIGORO
Complete plant food

IMPROVED

Morning Glory

are the most beautiful of all flowering annual vines and they are easy to grow.

10 to 15 ft. There is plenty of reason why the improved Morning Glories are more popular than ever. Flower size has been increased so that they are often 4 inches across. They bloom much earlier and the color has been improved greatly. Foliage is also much thicker so that it provides more shade. To hasten germination it is advisable to nick through the hard outer shell with a knife or file. They should be planted in a sunny exposure, in shady soil, and for an abundance of flowers should not be fertilized too much.

1306

Scarlett O'Hara (a)

The flower sensation of 1939—Seed shortage has curbed its popularity somewhat but with larger stocks available this difficulty is being overcome. A few had trouble in germinating the seed and we advise these people to withhold planting until at least June 5th. Scarlett O'Hara likes warm soil and warm weather and will make rapid growth under these conditions. Vines will start blooming not later than mid-August. Color is deep wine, blossoms freely. Foliage is dark green and very graceful. Plant this rapid growing vine for shade and beauty. Order early, as seed is scarce. Pkt., 25c.



Scarlett O'Hara

1308

Heavenly Blue

(Improved)



The beautiful sky blue of this popular vine is unquestionably one of the loveliest shades in any flower. Flowers are large, remain open until late afternoon. Sow late in May or better, early in June. Pkt., 10c; 1/4 oz., 35c.

1310—MIXED IMPERIAL JAPANESE

Colors range from snow white to all tones of blue, red, and purple. Striping is exquisite. Pkt., 10c; 1/4 oz., 35c.

Nasturtiums (a)

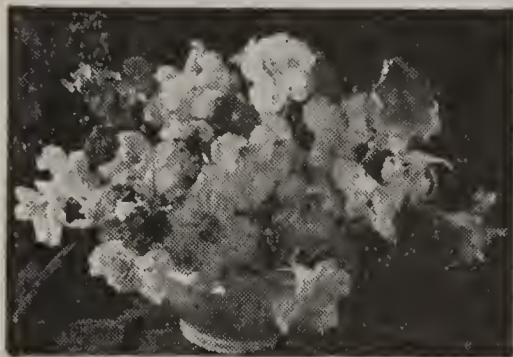


Scarlet Gleam

1318—GLOBE MIXTURE. An improved variety of hybrids that includes Golden Globe, Scarlet Globe, and many of the pink shades. Pkt., 10c; oz., 35c.

1314—GOLDEN GLEAM. This double fragrant nasturtium has surpassed the old garden type in popularity because of its sweet scented golden yellow flowers borne so profusely on long stiff stems and unexcelled in the cutting garden for bouquets. Pkt., 10c; oz., 20c.

No. 325—SCARLET GLOBE. The sweet fragrance of these fiery orange-scarlet blossoms is more pronounced than in Golden Gleam. Pkt., 10c; oz., 35c.



Globe Mixture

REGULAR GARDEN NASTURTIIUMS

1320—DWARF MIXED. Pkt., 5c; oz., 15c; 1/4 lb., 35c.
1322—TALL MIXED or climbing variety. Pkt., 5c; oz., 15c; 1/4 lb., 35c.

NEMOPHILA (A)

1324—8 in. A hardy little plant covered with tiny blue flowers that makes an effective front row to a bed or border. Sow out-of-doors or can be used for pot plants. Pkt., 10c.

NICOTIANA (A)

1326—Sweet Scented Tobacco Plant—2 ft. White and pink star shape flowers borne on long stems. Very sweet scented and long blooming. This annual is very easy to raise. Mixed. Pkt., 10c.

1328—CRIMSON BEDDER—(New). Grows only 15 in. high. Has lovely deep crimson flowers arranged in graceful umbels. Pkt., 10c.

NIGELLA (A)

1330—Love in a Mist, Devil in the Bush. Mixed. A compact, free flowering plant of easy culture. Has finely cut foliage and curious-looking flowers and seed pods. Blue and white flowers in mixture. Grows 18 inches high. Pkt., 10c.



Giant Pansies

For Pansy Plants
See page 31.

M1331—GOLDELSE. Pure yellow, large. Pkt., 10c.
M1336—LORD BEACONSFIELD. Purple and white. Pkt., 10c.
M1337—EMPORER WILLIAM. Blue with purple eye. Pkt., 10c.

Pansies

1332—SWISS GIANTS—Roggli Hybrids. These are really outstanding Pansies of robust habit and very large flowering. The blooms are carried on fine long stems. Mixed, per packet, 50c.

1334—GIANT CARDINAL. Bright cardinal red. Pkt., 10c.

1333—KING OF THE BLACKS. Almost jet black. Flowers of immense size. Pkt., 10c.

1335—OUR X-L GIANT MIXTURE is especially selected for color and size. Many are ruffled and wavy and practically all the deep contrasting colors that appeal to everyone. Pkt., 10c.

Petunias (a)

CULTURE—Petunias have been improved in color, compactness of plant and in size so much that they are now one of the most important flowers in our garden. They are extremely easy to grow, with the exception of sowing the seed. Invariably the trouble here is burying so deeply that the tiny seedlings cannot force their way through the ground. The best way to sow is in flats or pans. Mix the seed with fine sand; scatter over the well firmed surface of the soil. A light covering of finely shredded peat moss may be scattered over this and kept moist. When seedlings are one inch high, pick out and reset them in a flat or in green paper growing pots, allowing 2 inches for each plant. Pinch center stems out to make the plant bushy.

1338—GIANT RUFFLED MIXED. Blossoms are very large, frilled and waved, and very often are confused with the double type. Colors range from dark to light pink and white shades. Pkt., 25c.

1340—RUFFLED MARTHA WASHINGTON (Miniature). A lovely novelty of dwarf compact growth, 9 inches high, smothered with brilliant blooms about 3 inches in diameter. The frilled portion of the plants is a charming flesh pink and the center is strongly veined with wine red. Pkt., 20c.



X-L Giant Ruffled

1342—THEODOSIA. Large, fringed, rose-pink blooms with clear, golden yellow centers. Pkt., 20c.

1344—DAINTY LADY—(New), charming well-formed blooms of a luminous light yellow. Neat, compact growth. Pkt., 20c.

1346—ALL DOUBLE DWARF VICTORIOUS PETUNIA. Herebefore seed of double Petunias produced only a limited number of double flowers, but in this new strain every plant carries lovely well-formed flowers of exquisite double form. Mixed. Per pkt., 50c.

M1339—ROMANY LASS. Deep crimson, giant fringed. Pkt., 20c.

SINGLE PETUNIAS

1348—ELK'S PRIDE. An elegant large-flowered Petunia bearing a great profusion of velvety deep purple blooms of exceptional beauty. Pkt., 25c.

1350—FLAMING VELVET. All America Gold Medal in 1936. A rich velvety crimson, best of its color in this class. Pkt., 15c.

1351—BURGUNDY. Deep wine red with white veined throat. Pkt., 15c.

1352—HOWARD'S STAR IMPROVED. Crimson-maroon with a clearly-defined star of blushing white. Pkt., 10c.

1356—MINIATURE BLUE GEM. The color is a steel blue beautifully netted or veined with a deep violet. Pkt., 25c.

BALCONY PETUNIAS. A splendid large and free-flowering type for window boxes, vases, hanging baskets, etc. Preferred by many for bedding. The flowers average 3 inches across. Balcony Red, 1360; Balcony Purple, 1362; Balcony Rose, 1363; Balcony White, 1364. X-L Fine Balcony Mixed. Any of above Balcony Petunias, per pkt., 10c.

M1341—ROSE KING (Improved). Bronze medal. All America selection 1936. Rich rose color. Pkt., 15c.

1354—CELESTIAL ROSE. We have replaced Rosy Morn with this variety, which is superior in quality of color and compactness of plant. Deep rose color. Pkt., 10c.

M1357—MINIATURE ROSE GEM. Silver medal, 1936 All America Awards. Bright rose, plants only 6 inches high, bushing to a diameter of 8 inches. Flowers large—about 2 inches. Pkt., 20c.

M1349—HOLLYWOOD STAR

(Pictured on inside cover.) Silver medal winner. All America Selections, 1939.

This lovely new Petunia is a charming shade of rich rose with an amber throat. Flowers are in the form of a five-pointed star. Blooms so profusely that foliage is almost entirely hidden. Pkt., 15c.

Bright Colored Phlox

ANNUAL PHLOX

One of the easiest of annuals to grow, the annual phlox of modern strains cannot be surpassed in their clear, vivid coloring and variety of tones. Seed may be sown in the open as soon as frost danger has passed, and flowers will appear in a few weeks. If faded flowers are removed they bloom until late frost.

1367—SALMON GLORY

(Pictured on front cover)

This Silver Medal Winner in the All American Selections for 1939 is the newest addition to the Giant Art Shades strain. Easy to grow. It will produce with ordinary culture, individual flowers measuring 1 1/4 to 1 1/2 inches in diameter. Color is pure salmon with a distinct creamy-white eye. Pkt., 25c.



Annual Phlox

1376—PERENNIAL PHLOX

In the past this beautiful perennial has been difficult to grow from seed, and the plants were usually too expensive to permit everyone to have as many as every garden deserves. Now by freezing the seeds in the ice trays of a refrigerator for three days and letting them thaw out gradually, they will germinate in about five days and are as easy to start as sweet peas. Our seed is saved from selected plant varieties, giving you the best in colors and in large type flowers. Pkt., 10c; 1/8 oz., 30c.



Perennial Phlox

PINKS (See Dianthus)

PHYSALIS (See Chinese Lantern)



Mrs. J. C. Zeman, 1812 Seventh Avenue North, with her first prize X-L Perennial Phlox.

Poppies for Color

ANNUAL

Sow them early since they can stand frosts. They will flower quickly from seed and if successive plantings are made, they will supply continuous bloom. Seed will go farther if mixed with sand.

1378—SHIRLEY POPPIES—Single. 1 1/2 ft. high. The silk-like petals provide an almost endless number of colors. Pkt., 10c; 1/4 oz., 20c; 1 oz., 50c.



Shirley Poppy

M1379—SHIRLEY POPPY. Single blue. Pkt., 10c.

M1385—SHIRLEY DOUBLE. All colors mixed. Pkt., 10c.

M1387—CAVALCADE. Shirley double, pure red. Pkt., 10c.

1380—TULIP POPPY—20 in. Large tulip scarlet. Pkt., 10c; 1/2 oz., 30c.

1382—FLANDERS POPPY—30 in. Vivid scarlet-red. This flower has in the minds of men been associated for over two hundred years with the battlefields of Flanders. Sow with Centaurea Cyanus Double Blue. Pkt., 10c.

1384—AMERICAN LEGION. A greatly improved Flanders Poppy with very large single flowers of a scintillating rich dazzling orange-scarlet color. 2 feet. Pkt., 10c.

1386—CARNATION FLOWERED—2 ft. This large double type resembles peonies. Full double fringed. Pkt., 5c; 1/4 oz., 15c.

1388—ANNUAL VARIETIES MIXED. A novelty that makes a decided hit in the flower garden. Many kinds in all colors both single and double. Pkt., 5c; oz., 40c.

PERENNIAL POPPIES



Fakenham Hybrid Iceland Poppies at Glacier Park, Montana.

ICELAND POPPIES. This variety of perennial poppy is easy to grow and make lovely showings especially in the early summer and spring.

1390—FAKENHAM HYBRIDS. Stiff stems and large blossoms make this the most popular in this group. Pkt., 10c.

M1391—SUNBEAM. All colors mixed. Pkt., 10c.

1392—EL MONTE. Deep tangerine orange flowers on wiry stems. Fine for cutting. Pkt., 15c.

M1393—YELLOW WONDER. Bronze medal winner, A. A. S. 1936. Fine, large flowered yellow. Pkt., 15c.

1394—ORIENTAL POPPIES. This old favorite perennial has been improved in size of flower and length of stem. They are colored deep red with dark center. Greatly in demand for cut flowers. If seed is started inside and transplanted, it will sometimes bloom the first year. Pkt., 10c.

PORTULACA (A) (6 in.)

This popular annual seems to thrive best in sandy soil and is like the proverbial camel when it comes to going without water. Grows about 6 inches high, fine foliage, and is covered with little rose-like blossoms about an inch in diameter.

1396—Single, All Shades Mixed, Pkt., 5c.

1398—Choice Double Mixed, Pkt., 10c; 1/8 oz., 75c.

1400 PYRETHRUM (P) (2 ft.)

These perennials are easy to grow and flower early in the spring. Most people know them as Painted Daisies. Delicate pink and red shades. Pkt., 10c.

Salpiglossis

Brilliant Emperor Strain (30 in.)



X-L Salpiglossis

This is another flower that we feel should be on every flower lover's list. It is especially easy to grow. The Salpiglossis in appearance is an aristocrat. It is rich in deep color tones which are set off by veins of gold. Be sure and give Salpiglossis plenty of room, plant as early as possible in the place where it is to grow to avoid transplanting. Do not water, but keep on the dry side. Its blossoms are similar in shape to Petunias and are borne on strong stems. Excellent for cutting. 354, Emperor Mixed, pkt., 10c; 1/4 oz., 25c; 1404, Velvety Red, Pkt., 10c.

SALVIA (A)

(12 to 15 in.)

1406—ZURICH. We have secured an extra early variety for our Montana customers. This variety, Zurich, has scarlet red blossoms borne on stiff spikes. For early flowers start inside and transplant. Pkt., 10c.

CLARA BEDMAN OR BONFIRE. 2-foot spikes grow erect and stand above the foliage. The plants form handsome globular bushes. Pkt., 10c.



Zurich Salvia, Bordered by Celestial Rose Petunia, Great Falls Park



X-L Scabiosa

Scabiosa (a)

More people should know the improved type of the old fashioned Mourning Bride. Blossoms are about 3 inches in diameter with long stiff stems 10 to 15 inches long. They will keep well in vases for over a week at a time. The white stamens extend above the petals, giving it the common name of Pin Cushion Flower. 1410, Lavender; 1412, Dark Red; 1414, White; 1416, Dark Purple; Pkts., 10c; 1418, Mixed Colors. Pkts., 5c.

M1411—BLUE COCKADE. Award of merit, Royal Horticultural Society. Deep Blue. Pkt., 10c.

M1413—ROSETTE. Deep rose suffused salmon. Pkt., 15c.

1419—SCABIOSA IMPERIAL GIANTS. A great advance in annual Scabiosa development, an outstanding achievement. Extremely large, well formed flowers which are fully double, composed entirely of broad frilly petals, rounded bee hive shape. Plants very upright, growing 42 to 48 inches tall, long, heavy, wiry stems, excellent for garden use. Pkt., 25c.

1420—PERENNIAL SCABIOSA (18 in.) They are in blossom from June until October. Require little space and thrive in poor soil. Flowers are generally in dark shades of blue and lavenders and are borne on long erect stems and are excellent for cutting. Pkt., 10c.

1422—SCARLET RUNNER BEANS (A). A splendid ornamental climbing bean bearing handsome large sprays of bright scarlet, pea-shaped blossoms with large showy foliage. Gives ample shade. Pkt., 5c; 1 oz., 15c; 1/4 lb., 30c.

1424—SCHIZANTHUS (A). The little blossoms that cover this plant resemble miniature orchids. They are very easy to raise and will do well in the garden or may be potted. Pkt., 5c.

1426—SHASTA DAISY (P) (3 to 4 ft.) Our strain is the New Conqueror type which is much larger than the old variety of Shasta Daisy. They are pure white with yellow eye and are carried on long stiff stems. Pkt., 10c.

Snapdragon (a)

"You Can't Leave Out Snapdragons"

RUST PROOF SNAPDRAGONS. By developing a strain of snapdragons immune to rust, scientists of the University of California have restored this brilliant flower family to leadership as a garden subject. Rust is a widespread disease which discolors the leaves and saps the vitality; if you have found snapdragons difficult to grow, rust is probably responsible. Growing the Rust-proof strain, difficulties disappear. Seeds germinate better, plants are more vigorous, the foliage clean, flowers large and of fine color and the flowering season prolonged.



Antirrhinum, Rust-Proof

369A—X-L RUST-PROOF GIANTS. 1428, Red; 1430, Pink; 1432, Yellow; 1434, Mixed. Pkt., 10c.

1438—STATICE (P) (2 ft.) These plants bear purplish blue everlasting flowers. Are of very easy culture. Hardy perennials. Two feet. Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 70c.

X-L Giant Imperial Stocks (a)

EARLY STRAIN

This is another flower that has been improved so that everyone now wants them in their flower garden. Blossoms are rosettes in soft colors that cover the entire flower spike. For early flowers start inside although they will bloom long before frost if sown in the open ground. They require a rich soil and frequent feedings of Plantone or Vigoro are very helpful. Since stocks like cool weather they are especially recommended for the mountainous regions. Stocks require a well-limed soil.

1440, Mixed; 1442, Blood Red; 1444, Bright Pink; 1446, Canary Yellow; 1448, Deep Purple; 1450, Pure White. Pkt., 10c; 1/8 oz., 40c.



X-L Improved Stocks

3 EXTRA SPECIALS

For Flower Lovers

Quality Bulbs at Low Prices

50 —X-L Gladiolus Bulbs—\$1.00—Page 32
 6—Blue Label Dahlias—79c—Page 33
 6—Regal Lilies—90c—Page 34

For better germination of all seeds, dust with Semesan before planting. 10c package.

FRAGRANT OLD FASHIONED *Evening Scented* **Stocks**

1454—(A) (15 in.) Lilac flowers which in the morning, evening and after a shower, emit a delicious perfume perceptible at a considerable distance. Pkt., 10c.

VIRGINIA STOCKS (A)

1452—MIXED (6 in.) Sown early these pretty annuals are gay in the period between the spring and summer flowers, their fresh bright colors in edgings and beds producing a charming effect, very fragrant. Pkt., 10c.

1456—SUN-FLOWER (A) (*Helianthus*) Double *Chrysanthemum*. Remarkable for the stately growth, size and brilliance of their flowers, making a very good effect among shrubbery and for screens. Splendid for cutting. A very fine variety growing 7 feet high, carrying very large and showy densely double blooms which resemble a huge *Chrysanthemum* or *Dahlia* in their exquisite form. The flowers are made up of thousands of graceful, rich golden yellow petals. Pkt., 5c; 1/2 oz., 25c; oz., 40c.

1458—MAMMOTH RUSSIAN. Is largely planted for seed. It also makes a good windbreak and a very ornamental background. Pkt., 5c; oz., 10c.

1460—GIANT SWEET SULTAN (A) (2 1/2 ft.) Finest of all Sweet Sultans for cut flower purposes. The beautiful sweet-scented, artistic shaped flowers are borne on long, strong stems; when cut and put in water will last for several days. Mixed colors. Pkt., 10c.

1462

Sweet *William* (P) (15 in.)

For bedding Sweet Williams are one of the most desirable perennials. If the faded flowers are kept picked they will bloom for a long period of time. The plants increase in size each year. The flower heads are composed of many small individual flowers similar to Phlox and Pinks. Pkt., 10c.



X-L Sweet William
An old favorite that is glorified
by our X-L improvements.

M1455—DARK CRIMSON. Pkt., 10c.

M1457—PINK BEAUTY. Pkt., 10c.

M1459—SCARLET BEAUTY. Pkt., 10c.

M1461—PURE WHITE. Pkt., 10c.

1465—SWEET WIVELSFIELD Annual Sweet William

New race of "Pinks" with flowers somewhat like Sweet William, but larger and come in a greater variety of colors and markings. Grow 1 foot tall and bloom profusely for many weeks during the summer. May be grown as a biennial or perennial in mild localities. Mixed. Per pkt., 10c.

GROW FLOWERS AND VEGETABLES IN WATER

Originally considered a "fad" and hobby only, this method is now commercially used by large produce growers and by the U. S. Government on the Island of Wake to raise vegetables for the soldiers and sailors quartered there. Also may be used as a regular plant food. See Page 43.

1466—TRITOMA (P)

This is a beautiful flower, but to be successfully raised the roots should be taken in and reset in the spring, same as Dahlias. Flower spikes are about 15 inches high borne well up above the leaves and resemble a flaring torch. Pkt., 10c.

TRUMPET FLOWER

Angels Trumpet

M1467—This beautiful flower was first called to our attention by Mrs. B. F. Barnett, lower Sun River Park, Great Falls. Large, white trumpet shaped flowers are carried on bushes 3 feet tall. Plant in light soil in sunny place after ground has warmed. Pkt., 10c.

VERBENAS (A)

Mammoth Verbenas may be easily grown by sowing the seed in the open as soon as possible or for early blossoms by starting the plants inside. They are especially fine for bedding and porch boxes.

1468, Pink; 1470, Scarlet; 1472, White; 1474, Purple; 1476, Mixed. Pkt., 10c.



X-L Verbena

FREE FLOWERING VIOLAS (P)

Because of their free flowering habit and long season of bloom, Violas are becoming rapidly more popular for use in the foreground of the border, in small beds, and in rockeries where their dwarf spreading habit is welcomed. They continue flowering all summer.

1478—MIXED. Pkt., 10c.

1480—APRICOT. Pkt., 15c.

1482—JERSEY GEM. Flowers of rich pure violet, large and fragrant, flowering persistently all summer. Pkt., 25c.

VINCA (A)

1484—PERIWINKLE, OLD MAID. Ornamental free-blooming annual with bright green, shiny foliage and one of the most satisfactory long-flowering bedding plants we have. 12 to 18 inches. All colors. Pkt., 10c.

WALLFLOWER (A)

It is too bad that more people do not know these easily grown flowers. They are excellent for cutting, being rich in reds and yellows. They are tender and will do best if started indoors and transplanted.

1486—ANNUAL SINGLE MIXED. Pkt., 5c; 1/8 oz., 20c.

1488—ANNUAL DOUBLE MIXED. Pkt., 10c; 1/8 oz., 35c.

1490—WILD CUCUMBER (A)

An ornamental climbing Cucumber with curious fruit; remarkable for its luxuriance and rapidity of growth. Best results will be had by sowing in the fall as germination is rather slow. To hasten germination in the spring the seeds may be soaked in warm water for at least 24 hours before planting. Pkt., 5c; 1/2 oz., 20c.

1492—WILD FLOWER GARDEN (A)

OLD FASHIONED GARDEN. A mixture that is easily grown. Annual flowers which will give a natural or wild effect in the garden, odd corners and vacant borders where one cannot give attention to individual plants. These are not wild flowers but a mixture that we put up from our regular stock. Pkt., 5c; 1 oz., 30c.

VIGORO PRICES

1 lb.	10c
5 lbs.	45c
10 lbs.	85c
25 lbs.	\$1.60
50 lbs.	2.75
100 lbs.	4.50

F.O.B. Great Falls



X-L ZINNIAS

—For a riot of color

—For cut flowers all summer

—For every garden purpose

—One of the easiest flowers to grow

Dainty Lilliputs

**Zinnia Lilliput****1496 — LILLIPUT OR POMPON.**

Mixed pastel shades. Neat, compact plants 1½ to 2 feet tall. Small flowers uniform in size and on long, stiff stems, making them an ideal flower for cutting. When we think of cut flowers, we automatically think of pastel shades and the lovely, soft tints of shell pink, creamy yellow, delicate salmon, orchid, apricot and light rose prove the excellency of X-L strain. Mixed colors. **Pkt., 10c; ¼ oz., 50c.**

Lilliputs also supplied in the following separate colors:

M1493—Lilliput yellow. Pkt., 10c.**M1495—Lilliput orange. Pkt., 10c.****M1497—Lilliput pink. Pkt., 10c.****M1499—Lilliput white. Pkt., 10c.****M1501—Lilliput salmon. Pkt., 10c.**

1498—HAAGEANA DOUBLE (Mexican Hybrids). The small flowered Mexican Zinnias have a charm all their own. The smaller flowers lend themselves to bedding and make a brilliant display and yet have stems long enough to make fine bouquets for small vases and bowls. The mixture contains many attractive colors and color combinations. **Pkt., 10c.**

1500—ZINNIA LINEARIS (New). An enchanting and interesting little Zinnia of dwarf habit. The plants grow 10 inches tall reaching a diameter of 2 feet. They are completely covered with single golden orange blooms showing a lemon yellow stripe through the center of each petal. **Pkt., 15c; ¼ oz., 85c.**

**Zinnia Linearis**

1503—SCABIOSA-FLOWERED MIXED. A distinct break in that the plants bear medium size flowers which have a great resemblance to the annual Scabiosa. They have broad outer petals and small center petals clustered together into a distinct cushion. There are many different and lovely colors represented; 24 to 30 inches high. **Pkt., 10c; ¼ oz., 75c.**

**Zinnia
Scabiosa Flowered**

1504—FANTASY. Award of Merit, All American Selection for 1935. Finest mixed, a bright colorful mixture, shaggy petals, medium size double flowers. Excellent for cutting since they lend themselves gracefully to flower arrangements.

Mixed colors. **Pkt., 10c.**

**Zinnia Fantasy**

1506—FANTASY STARDUST. The flowers are a lovely golden yellow. They are of medium size and borne abundantly. Grows 2½ to 3 feet high. **Pkt., 15c.**

1508—RED RIDING HOOD. Here is another flower that we insist you add to your "Must Plant" list. Flowers are a deep red, double and average about 1 inch in diameter. It is exceptionally free flowering and makes a delightful showing either in the garden or in bouquets. **Pkt., 10c; ¼ oz., 50c.**

1510—TOM THUMB MINIATURE ZINNIA—(Mixed). A charming type with plants growing 6 to 10 inches high forming compact little bushes covered with perfectly double blooms of miniature size. Includes all popular Zinnia shades such as red, orange, yellow, pink, rose, and many others. Splendid for beds and borders. **Pkt., 10c.**

1512—SANVITALIA—Creeping Zinnia. Masses of small, Zinnia-like, double blooms of deep golden yellow on creeping or spreading plants 6 in. tall. **Pkt., 10c.**

M1513—GAILLARDIA FLOWERED ZINNIA. Flowers resemble a double Gaillardia. Honorable Mention, All America Selections 1938. Mixed colors. **Pkt., 10c.**

DAHLIA FLOWERED GIANT ZINNIAS

The best of all the Giant Zinnias for Montana. Flowers are thick and full, resembling show Dahlias. They are free bloomers; their graceful flowers being borne profusely on strong foliage—often 4 and 5 feet high.

1516—Oriole—Orange and Gold Bi-color**1518—Purple Prince—Deep Purple****1520—Polar Bear—Clear White****1522—Crimson Monarch—Deep Crimson, Very Large****1524—Exquisite—Light Rose****1526—Golden—Yellow Orange****1528—Finest Mixed**

All of the above colors, **Pkt., 10c; ¼ oz., 30c; ½ oz., 50c; 1 oz., 85c.**

CALIFORNIA GIANTS

Immense flowers borne on stems 3 to 4 feet long, very free flowering, with a large flat flower giving a graceful effect.

1514—Mixed Colors
Pkt., 10c; ¼ oz., 30c; ½ oz., 50c; 1 oz., 85c.

**X-L California Giants**

KEEP CUT FLOWERS FRESH

A little Bloom Life added to the water in which cut flowers are kept will keep them fresh looking about twice as long. Bloom Life is now used by florists throughout the United States. **Pkt., 10c.**

X-L Sweet Peas

Our X-L BRAND SWEET PEAS are famous throughout the state for the Large Wavy blossoms and long, stiff stems that adapt them for use in bouquets. We are proud of our reputation for selling fine sweet peas, and in order that you receive the best results from your seed, please ask for cultural directions which we will furnish free.

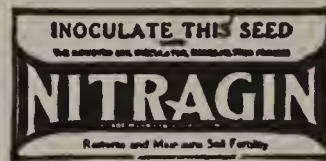
1 ounce of Sweet Peas will plant a single row 15 ft. long.

SPECIAL NOTE:

To check Aphis that has damaged so many sweet pea vines in Great Falls the past several years, we suggest that you spray with one of the following insecticides: **Aphis Spray, 35c; Cubor, 35c; Evergreen, 35c.** If thorough spraying is practiced, trouble from these pests will be minimized.

Inoculate Your Sweet Peas With Nitragin

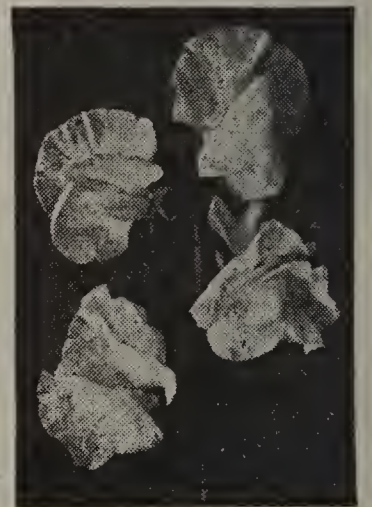
Nitragin puts the live, nitrogen-fixing bacteria right on the roots of your plants, and thus gives them a better start and assures quick growth. Nitragin is not a fertilizer, and should not be used as such. Recommended by U. S. Department of Agriculture. 10c package treats 4 lbs. of Sweet Peas or garden peas and beans.



1535

Shirley Temple

Last year we tried this new sweet pea before offering it to our customers. Advance descriptions, while lavish, simply do not do it justice. It is the most beautiful of all sweet peas—all new varieties included. It blooms with the richness of color found in Pinkie but is softer toned. The blossoms are fluted and daintily frilled and are the largest we have ever seen. These immense flowers are invariably borne in clusters of 4 on long, stiff stems. **Pkt., 15c; 1/2 oz., 30c; oz., 50c.**



Shirley Temple
Sweet Pea

Multiflora Type Sweet Peas

A new type sweet pea that produces 5, 6 and 7 large frilled blossoms to each stem.

1537—ABUNDANCE. A most appropriate name for this many flowered sweet pea. Color is bright, clear lilac. **Pkt., 15c.**

1539—PROLIFIC. You will be proud of these extraordinary sweet peas. Many large ruffled pink flowers on long, stiff stems. **Pkt., 15c.**

1541—HORN OF PLENTY. A new addition to the Multiflora group. From 5 to 7 large well formed flowers are borne to each stem when well grown. Color is blush rose. **Pkt., 25c.**

SPECIAL—1 each of the above Multiflora Sweet Peas (3 pkts.) mailed to any address for 45c.

The Best Spencers for This Climate

All are produced on bushy vines. They are selected for their long stems and large, wavy blossoms. You will find that fading out and loss of color from the hot sun would be much less in these varieties than with many of the others that are being offered.

1536—AVALANCHE. A large, frilled, glistening white.

1538—HUNTSMAN. The brightest scarlet yet introduced. Makes an outstanding bouquet when used by itself.

1540—DERBY DAY. Considered the best dark red standard Spencer. Color is similar to the old King Edward, but the size of the blossoms and the vine growth is much better.

1542—PINKY. Still remains as one of the largest sweet peas in the deep pink class.

1544—POWERSCOURT. This beautiful lavender is outstanding in the standard flowering varieties. When combined with Pinky or Jumbo it makes a breath-taking bouquet.

1546—MASTER CREAM. An immense deep cream beautifully waved and frilled, and quite sun proof.

1548—MARY PICKFORD. Light, creamy pink.

1550—ROYAL PURPLE. A full colored purple that really is correctly named.

1552—SMILES. For the past two years we have considered this variety the best of the late introductions in salmon colored sweet pea.

1556—JUMBO—(Our Feature Sweet Pea in 1938). This color has definitely been needed in the large wavy type sweet peas. A bright, cerise pink with an undercurrent of cherry red. Sets 4 blossoms.

1558—CHINESE BLUE. The only solid rich blue yet available. Large, wavy blossoms on long stems.

Prices on the above eleven varieties:

Pkt., 5c; 1/2 oz., 20c; oz., 30c; 1/4 lb., 90c.

OUR MOST POPULAR SELLER

Graham & Ross Royal Mixture of Standard Flowering Sweet Peas

1554—This Grand Prize mixture has been carefully selected and balanced to incorporate only the best heat resisting varieties with large ruffled and wavy blossoms borne on long stems. We cannot recommend a better mixture for general garden use and for cut flowers. Even those people who have found it profitable to sell sweet pea bouquets will find this mixture remarkably adapted to their purposes. **Pkt., 5c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.25; 1 lb., \$2.25.**

Special Hints to Help You Grow More Beautiful Sweet Peas

- Plant early as possible.
- Use plenty of Peat Moss. Peat Moss provides the most desirable source of humus matter. Dig a trench about 15 inches deep then refill this trench with a mixture of soil and Peat Moss, using from one-third to one-half moss. This will insure good drainage and proper drainage is essential.
- Fertilizer. A **small amount** of clean concentrated plant food such as Vigoro, Plantone or bone meal may be added, taking care that not more than ¼ pound of plant food is used per cubic foot.
- Cultivate frequently after sweet peas are up.
- Mulch with peat or grass cuttings to preserve moisture.
- Pick frequently; spray often to check aphids.



X-L Sweet Peas Raised by Mrs. Chas. Olgardt,
1115 Fourth Avenue South



X-L Sweet Peas Make Beautiful Bouquets

Early Flowering Sweet Peas

When sown at the same time as Standard Spencer Sweet Peas, they will commence blooming 10 days to two weeks earlier. Many people plant them in the same trench with the regular standard Spencers, thus increasing the flowering period of the entire row. In size and color the early flowering are considered by many to surpass the standard varieties. While they have been the most popular type since their introduction, we find that they cannot stand the extremely hot weather quite as well as some of the standard flowering types.

These Early Flowering Varieties are considered best for this climate. All have from 3 to 5 large, wavy blossoms borne on long, stiff stems. They are as nearly sun-proof as possible and most of them are delightfully fragrant. These Sweet Peas are also recommended for those growers that plant in the Fall.

1568—**RED CHIEF.** Oxblood crimson. Fragrant.

1562—**MRS. HERBERT HOOVER.** Clear, deep blue flowers that are delicately perfumed.

1564—**FRAGRANCE**

We think this variety the most outstanding of all early flowering sweet peas. Has a very vigorous growth with extra large frilled and wavy blossoms of a clear, delicate lavender.

1566—**SNOWSTORM IMPROVED.** Recognized as the outstanding white in the Early Flowering class.

Prices on any of the above straight colors in early flowering. **Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50.**

1570—X-L NEW GIANT EARLY ORCHID FLOWERING MIXED

Try a generous row of this mixture in your garden. The blend contains a choice selection of named varieties, and the flowers will make a brilliant show. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.**

1572—LATHYRUS

Everlasting or Perennial Sweet Pea

A hardy perennial climber. Sow the seed in rich ground 1 inch deep. They bear large compact clusters of flowers resembling those of the Sweet Pea but without fragrance and give profusion of bloom all summer. **Mixed. Pkt., 10c; ½ oz., 35c; oz., 65c.**

INOCULATE YOUR SWEET PEAS WITH NITRAGIN

Sprinkle fresh Nitrugin Culture (Nitrugin does not keep from year to year) over Sweet Pea seeds before planting to insure good root growth and consequently better blossoms. A 10c package will inoculate from 1 oz. to 6 lbs. of seed. May also be used on garden peas and beans.



Picardy Gladiolus

X-L Stately Gladiolus

The most gorgeous and beautiful of all summer flowering bulbs. "Glads" are easy to raise, take very little room and have only one serious insect pest. They are unexcelled for cutting. Bulbs may be saved from year to year by digging and storing in a cool dry place but the low cost of X-L bulbs hardly warrants this trouble. Plant bulbs about 4 inches deep in a sunny location. Light, sandy loam is preferred but you'll find that they are not finicky or fastidious and will thrive almost any place you put them. Start planting about April 1st, weather permitting, and continue planting every two weeks until June 1st. This will give you blooms all summer. The nine varieties listed are real beauties and are adapted for us.

1646—F. E. BENNETT. Early. Still regarded as unsurpassed in a brilliant red early "Glad." Bennett is vigorous grower with large flowers that bring home the blue ribbons. 1 to 6 bulbs, 5c each; 25 or more bulbs, 4c each.

1647—COMMANDER KOEHL. Mid-season. An outstanding exhibition variety with gigantic, dark scarlet, well formed blossoms. 1 to 25 bulbs, 6c each; 25 or more bulbs, 5c each.

1648—GIANT NYMPH. Early. Light salmon rose with creamy yellow throat and large wide open flowers. 1 to 25 bulbs, 5c each; 25 or more bulbs, 4c each.

1650—GOLDEN MEASURE. Late. Large, well expanded flowers of golden yellow. It is a very robust and tall grower, a quality unusual in the yellow varieties. 1 to 25 bulbs, 5c each; 25 or more bulbs, 4c each.

1652—MAID OF ORLEANS. Mid-season. An exhibition white. Considered the largest and best in its color. 1 to 25 bulbs, 7c each; 25 or more bulbs, 6c each.

1654—PICARDY. Mid-season. So outstanding that once seen it is always remembered. A most sensational flower of delicate apricot pink. The individual flowers are all extremely large, slightly ruffled and of heavy wax-like substance. Has created a sensation practically every time exhibited. 1 to 25 bulbs, 5c each; 25 or more bulbs, 4c each.

1656—VEILCHENBLAU. Mid-season. The color is a beautiful violet-blue lightening toward the center. The entire flower appears, at first glance, to be made of blue velvet, the sheen is so beautiful. 1 to 25 bulbs, 7c each; 25 or more bulbs, 6c each.

1658—BETTY NUTHALL. Late. One of the outstanding gladioli of recent introduction. Light coral with pale orange throat and light feathering of carmine. A beautiful large flowered variety. 1 to 25 bulbs, 5c each; 25 or more bulbs, 4c each.

1660—MINUET. A large light lavender exhibition "Glad" that we highly recommend. 1 to 25 bulbs, 6c each; 25 or more bulbs, 5c each.

THRIPS. Our bulbs are all treated, disease-free and large extra clean bulbs. However, if your soil is infested, or you wish to treat your own bulbs, either while dormant or growing, we recommend DEVIL DUST. Safe to use, very effective and economical. One pound treats several hundred bulbs. 1 lb., 50c; 2 lbs., 90c. Add postage.

X-L Royal Mixture Gladiolus

Large Choice Bulbs

Thousands of these bulbs were planted by our customers and from the reports we receive, we believe that each one of them considered their flowers the finest they have ever grown. This collection is composed of new and choicer varieties and contains all colors. Make at least 4 plantings so that you will have an abundance of cutting flowers all summer. Full cultural directions in each package.

50 bulbs, \$1.00; 100 bulbs, \$1.75; 500 bulbs, \$7.50.

Postage 10c for first 50. For each additional 50, add 4c. (No less than 50 sold at this price.)

X-L DAHLIAS



Our Dahlia customers know that our stock is of known origin and not a cheap lot of roots that sometimes produce the dahlia that you think you are buying but more often do not.

All of our stock is absolutely dependable, field grown, from tubers—not plants—planted early, carefully rogued, and fully matured before dug. Stored under ideal conditions, all tubers are fresh and plump, carefully cut, trimmed, and sorted by expert cutters—no broken necks, no culls—every tuber with a good eye—full of vitality, and sure to please the most exacting customer. No stunted, or diseased plants are tolerated by our growers. Tubers are all wrapped and labeled individually.

1678—KEMP'S WHITE WONDER

Decorative. Giant White. Is very striking. We recommend early planting or starting indoors for this variety. **Each, 45c.**

1670—JANE COWL

Decorative. Strikingly beautiful Dahlia. A blend of bronze, buff, and old gold. **25c each.**

1674—JUDGE MAREAN. This well known variety is still a great favorite and one of our most popular large decorative types. Bright red fusing into orange. **Each 30c.**

1680—THOMAS A. EDISON. A royal purple with a brilliant rich finish. The size is large and the petals are of a stag-horn formation. Has every desirable habit, including a rich green foliage. **Each 50c.**

1672—JERSEY'S BEACON

Decorative. Will never lose its popularity. Chinese scarlet with lighter reverse. Very large flowers. **25c each.**

1676—KATHLEEN NORRIS

Decorative. True rose-pink shading to coral pink when fully opened. Very large. **Each, 35c.**

1684—DOROTHY SAGER. A large decorative dahlia outstanding because of its good cutting qualities. A beautiful salmon with orange reflex. Very pretty. **Each 30c.**

POSTAGE ON DAHLIAS—First 1 to 4 tubers, **8c extra;** each additional tuber, **2c extra.** Be sure to add postage.

1668

Ruth Vaughan

The greatest pink since Jersey's Beauty. Ruth Vaughan is an extra large, clear LaFrance Pink with slight yellow shading at base of petals, perfect form, profuse bloomer, rank grower, long, strong stems and has everything to make it one of the most popular dahlias ever introduced. **75c each; 3 for \$2.00.**

X-L Blue Ribbon Collection

79c

This year we are offering the greatest collection of dahlias ever available at such a low price. We urge you to order early because we know we will sell out quickly. Tubers will be shipped when weather is suitable. Each collection is packed in a box containing cultural directions. Each tuber is individually wrapped and labeled. Six different varieties. Every one a large type popular decorative variety. We guarantee that the value of each collection is from \$1.50 to \$2.25. Special 79c per box of 6 postpaid. Order D1—collection.

Note: If you prefer, you may order X2 Collection for the same price. This contains the same quality roots but instead of 6 decorative types, there are 2 Decorative, 2 Cactus, 1 Ball and 1 Art Type.

These collections will make a splendid Easter or Mother's Day Gift. No price is marked on box. Order early to be sure of getting your order filled.



LARGE SELECTED

Hardy Lily Bulbs

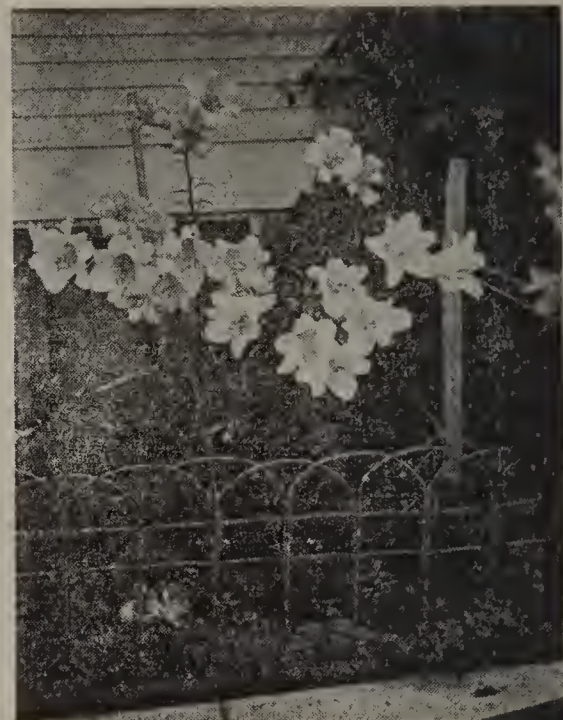
At An Unusually Attractive Price

Order early—our supply will be quickly exhausted at these special prices. The two varieties listed here have proven most popular.

For spring planting. Many flower lovers seem to have just become aware of the fact that practically all varieties of hardy Lilies do well in Montana. They take no special culture, but will do best in a place where they will receive semi-shade. If planted along side of hedge or in a bed of perennials they will have enough shade to permit the Lilies to grow to the best advantage. Light well drained soil is recommended, but if your soil is heavy a few handfuls of Peat Moss or sand under the bulb will help prevent the accumulation of excess water around the bulb which might rot it.

1638—REGALE—(Regal Lily). 3-5 feet. Magnificent, large, trumpet-shaped, sweet scented, white flowers, shaded pink on the outside and tinged with canary yellow at the base. Blooms in July. Cover bulbs 7 inches deep. 30c each; 3 for 50c; 6 for 90c.

AURATUM—(Gold Banded Lily of Japan). 3-5 feet. Large, graceful, fragrant, ivory white flowers thickly studded with deep crimson spots and striped through the center with golden yellow. Blooms during July and September. Cover bulbs 8 inches deep. Extra-large flowering bulbs, 30c each; 6 for \$1.45.



Regal Lilies Grown by Mrs. J. L. Munson, 2726 Second Ave. So., Great Falls

Peonies That Are Sure to Bloom

AMERICA'S MOST BEAUTIFUL PERENNIAL

Special selection of roots enable you to plant as successfully in the Spring as in the Fall. Peonies may be ordered from this list for planting in September, October and November.

Special Note: The following Peonies are all strong 3-5 eye roots, carefully dug, inspected and specially wrapped with cultural directions in each package. They are protected entirely with cellophane.

KARL ROSEFIELD—As an early red this peony has no equal. Very large flower. Extremely vigorous grower. Tall, bushy plants and very free flowering. 45c each; postage, 10c per root.

FESTIVA MAXIMA—Large early white with crimson marking in center. Full rose type; tall, very strong grower. 35c each; postage, 10c per root.

THERESE—A splendid new pink that is rated very high. Strong grower, good bloomer. Each, 45c; postage, 10c.

SPECIAL COLLECTION—1 each of above named Peonies. Postpaid for only \$1.25.

FLOWER PLANTS ANNUALS

We can supply flower plants of the following annual flowers:

- 1574—Sweet Alyssum
- 1576—Aster
- 1578—Canterbury Bells
- 1580—Lobelia
- 1582—Snapdragon
- 1584—Petunias
- 1586—Phlox
- 1588—Verbenas
- 1590—Stocks

All plants 50c per doz. Packing and postage to any city in the third zone 20c per doz. extra.

1592—PANSY PLANTS. Swiss Giants, the largest and best colored pansies available. Per doz., 75c. Packing and postage 20c per doz. extra to any city in the third zone.

Orders for less than one dozen plants of any variety will not be accepted.

Hardy Plants

PERENNIALS

Hardy field grown plants, each wrapped so that roots reach you in good condition. Labeled correctly. Where description is not shown below, see seed section.

ASTERS—Michaelmas Daisies—Red.

BABY'S BREATH—Gypsophila.

BLUEBIRD FLOWER—Veronica. Small spikes of rich blue flowers. Very fragrant.

CANTERBURY BELLS—Blue, Rose, White.

HARDY GARDEN CARNATION—Dark Red. Very fragrant.

CLOVE PINKS—Old fashioned fragrant Pinks.

COLUMBINE—Mrs. Scott Elliott hybrids.

DELPHINIUM—Large Hybrids, light and dark blue.

FOXGLOVE—Assorted colors.

GAILLARDIA—New, improved large flowers.

PAINTED DAISY—Pink.

PHLOX—Red, Pink, White.

SHASTA DAISY—Alaska. Large white.

SWEET WILLIAM—Assorted, double.

Prices on all of the above plants, 20c each or any six for \$1.00. Postage to third zone, for the first plant, 8c, and each additional plant, 4c.

HARDY NEW "CUSHION MUMS" KOREAN CHRYSANTHEMUMS

Plants are dwarf and free flowering. They are extremely hardy. Flowers are excellent for cutting, as they will remain fresh and attractive for many days after cutting. Supplied in following colors: pink, red and bronze. Each, 35c; 3, \$1.00.

1628—BLEEDING HEARTS

Old fashioned full flowering. 35c; postage, 10c per plant extra.

FERTILIZERS AND SOIL BUILDERS ARE NECESSARY TO GOOD GARDENING



FOR BETTER LAWNS, FLOWERS, VEGETABLES . . . USE VIGORO

Enjoy the beauty of well-fed lawns, flowers, shrubs, and trees. Vigoro is easy to use. Results are so amazing.

Clean and odorless, Vigoro contains all 11 of the vital food elements plants require from the soil. Vigoro is most economical to use. Only four pounds per hundred square feet are required.

For complete gardening success, use Vigoro. Packed in 6 convenient sizes—1 pound cartons to 100-pound bags.

100-lb. bag	\$4.50	10-lb. pkg.	\$.85
50-lb. bag	2.75	5-lb. pkg. ....	.45
25-lb. bag	1.60	1-lb. pkg. ....	.10
F. O. B. Great Falls			



PLANTONE



Plantone fertilizer is made in Montana. Contains nitrogen, phosphate, and potash in 5-15-5 ratio.



All Plant Foods in One

100 lbs.	\$3.95	10 lbs.	85c
50 lbs.	2.45	5 lbs.	45c
25 lbs.	1.45	1 lb.	10c
F. O. B. Great Falls			

SULPHATE OF AMMONIA

Used for its nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Creates an acid reaction in the soil. Use 1 pound to 50 square feet. Per lb., 15c; 10 lbs., \$1.00; 25 lbs., \$2.25; 100 lbs., \$8.00.

MURIATE OF POTASH

If vegetables or flowers are produced on stems that are weak or brittle, it is a sure indication that Potash is needed. Imported Potash, once again available, should be used liberally, especially for all root crops. 10 lbs., 90c; 25 lbs., \$1.85; 50 lbs., \$3.25; 100 lbs., \$5.50.

NITRATE OF SODA

This is not a substitute for other manures, but one of the cheapest and best forms in which to apply nitrogen. Acts quickly and is used where rapid growth is desired. For the home garden apply as a solution one ounce to two gallons of water. 1 lb., 15c; 5 lbs., 65c; 10 lbs., \$1.15; 25 lbs., \$1.95; 100 lbs., \$7.00.

X-L "ROSE GROWER" BONE MEAL

This is a special brand for our trade. It is ground extra fine, hence acts quickly and is free from acid. It is made from fresh packing house bone and should not be compared with bleached bone gathered from the prairies. Our "rose-grower" bone has been slightly steamed to soften it and is thus quicker in its action. 5 lbs., 45c; 25 lbs., \$1.40; 50 lbs., \$2.25; 100 lbs., \$4.00, Great Falls.

REGULAR BONE MEAL—Price, 10 lbs., 50c; 25 lbs., \$1.15; 50 lbs., \$1.75; 100 lbs., \$3.15 Great Falls.

LIME HYDRATED

A neutralizer for soil acidity. One of the best for increasing blooms on Lilac bushes. 10 lbs., 40c; 25 lbs., 75c; 50 lbs., \$1.00; 100 lbs., \$2.00.



NITRAGIN

The Original Legume Inoculator. Secure more and better Peas and Beans. Obtain a deeper and more lasting color in your Sweet Peas this year by using Nitragin. Cheap and easy to use. Simply mix the seed with Nitragin before planting. For Alfalfa and Clovers: 1/2 bu. size, 30c; 1 bu. size, 50c; 2 1/2 bu. size, \$1.00. For Peas and Beans: 1/2 bu., 25c; 1 bu., 40c; 1 1/2 bu., 60c; 5 bu., \$1.70. Garden size, for Peas, Beans, Sweet Peas and Lupines, only 10c. Each garden size package will inoculate any amount up to 6 lbs. of seed.

ROOTONE



Hormone powders are now accepted by florists and amateur growers as a reliable means of assuring quick heavy root growth for cuttings and for certain seeds. Rootone, Hormone Powder for seeds, cuttings and bulbs is simple to use and very effective. Just dip cuttings in the powder or dust seeds and bulbs. Economical to use. 1/4-oz. packet, 25c; 2-oz. jar, \$1.00.

PEAT MOSS

The Greatest Aid to Gardeners in Years

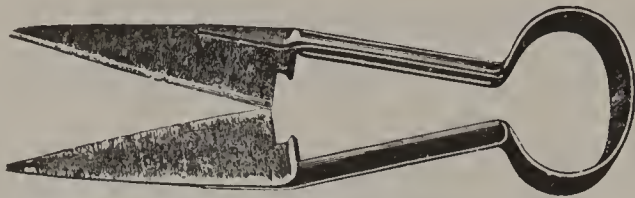
Peat Moss provides in an economical, clean, weed free, easily handled and efficient form, the humus which every garden must have. In the garden peat is most useful for mulching purposes or for conditioning soil in which plants having special requirements are to be grown. As a mulch it is ideal. Clean, without odor, it can be handled without gloves by men or women and leaves no stain or soiling. After the flower border or vegetable garden has been cultivated in the spring a light mulch of peat moss will check evaporation, conserve moisture, keep down weeds, and give the soil surface an attractive appearance. This mulch will gradually become incorporated with the soil, with enriching and mellowing effect. Per lb., 10c; per bale, approximate weight 110 lbs., 22 bu., \$4.00; per 1/2 bale, \$2.50 F. O. B. Great Falls.

The Village Blacksmith Better Garden Tools

For those who wish the "Best" we offer this new line. Village Blacksmith tools are hand tempered from the finest of materials and will last a life time.

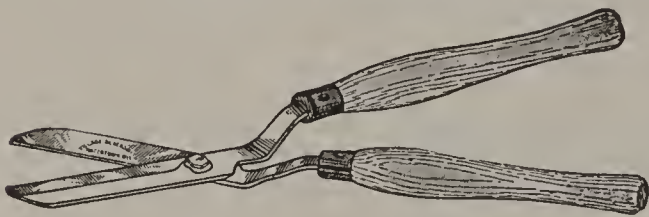
GRASNIPS

Made of the finest crucible steel, well tempered. Blades are hollow ground and highly polished. Will hold a fine cutting edge a long time.



No.	Wt.	Price
3	1 lb.	65c
5	1 lb.	55c

HEDGE SHEARS



A deluxe quality shear. Blades hollow ground, full polish and notched for cutting large branches. Handles of best grade northern ash.

No.	Blade Length	Wt.	Price
600	6 in.	3 lbs.	\$1.30
800	8 in.	3 lbs.	1.75

SHEARS WITH NOTCHED CUTTING EDGES			
Sto-8	8 in.	3 lbs.	2.65

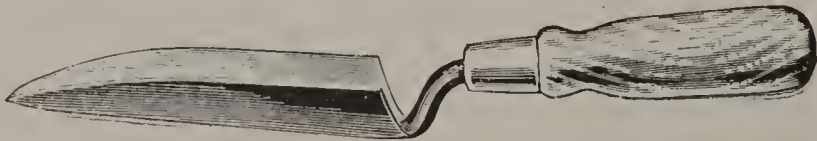
Garden Trowels



T20—6-inch rolled steel, malleable Tang. A good trowel at a low price—25c. Weight, 1 lb. Add postage.

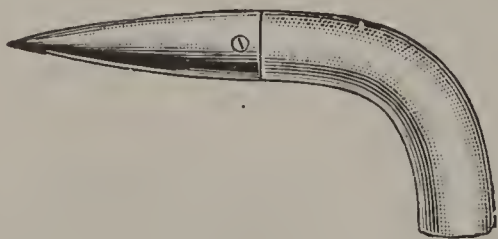


T4—One-piece pressed steel. Hardwood handle. Shipping weight, 1 lb. Each, 15c. Add postage.



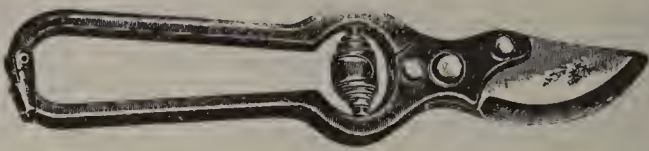
No. **T10**—6-inch heavy one-piece forged, half polished blade, hardwood handle. Weight, 4 lbs. Each, 80c; add postage.

DIBBLES



For setting bulbs, plants, etc. Wood handle, 4-in. steel point. Revolver pattern. Weight, 2 lbs. Each, 60c.

PRUNERS



Of one piece carbon steel drop forged, carefully tempered. Ground and set to cut clean and shear perfectly. Full Polished blades.

No.	Wt.	Price
V179	1 lb.	\$1.45
V129	¾ lb.	.80

Blades of V129 made of cutlery steel.

DANDELION DIGGER

or Asparagus Knives



Made of tool steel, well tempered.

No.	Length	Wt.	Price
1	12 in.	½ lb.	\$.35
219	15 in.	½ lb.	.50

WEEDERS

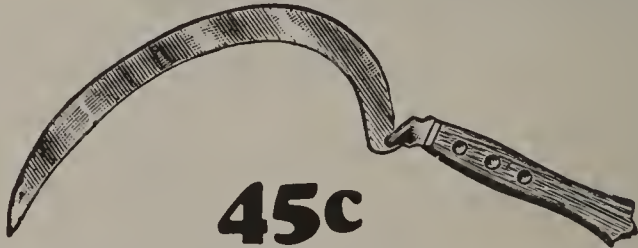


A handy tool for working in the flower bed and loosening the soil. Made with five prongs. Each, 15c; postpaid, 21c.

HAND SPADING FORKS

Made with hardwood handle and four tines of pressed steel. Each, 15c; postpaid, 21c.

FORGED STEEL GRASS HOOKS



45c

Forged cutlery steel blades. Tempered ground and whetted to a sharp keen edge. Has a raised or offset hardwood handle securely fastened. Perfect balance and swing. No. 5, each, 45c; postpaid, 55c; No. 3, each, 65c; postpaid, 75c.



MAGIC COMBINATION WEEDER

A very handy tool for use around flowers and small vegetables. Destroys the weeds and leaves the earth about the roots without disturbing the roots themselves. The blade or weed cutter is very handy for cutting roots or making furrows. Price 50c each; postpaid, 60c.



Wise Folks use Paint

Dear Neighbor,

What is it—“pride” or “horse sense”?

Sometimes you hear people speak of the “pride” of the man who keeps his home well decorated and in first-class shape. When you think of it, isn’t there a lot more to it than just “pride”? Isn’t it really plain “horse sense”?

Study it from most any angle and it does look that way. It’s pretty clear that homes can’t last very long without painting and care.

Then, too, if a fellow ever wants to sell, or borrow, nothing adds to the value of his place like a well decorated home.

In the end, too, it’s cheaper. If you keep things well-painted you don’t have costly repairs. You don’t get a reputation for carelessness. Your place impresses everyone that visits it, and above all, it makes you and your family feel a whole lot happier.

So isn’t it just plain “horse sense” to want to keep one’s home well painted and decorated?

Neighborly yours,

Graham and Ross

P. S. Remember—Benjamin Moore & Co.’s Dept. of Home Decoration. You can have color schemes free, arranged for every room in your home, simply by writing to Betty Moore, 511 Canal St., New York, N. Y.

Use Moore Paint

The Battle of The Ages

Can be Won with Moore's House Paint



The highest type of carbonate of lead, zinc oxide house paint—made with Pure Linseed Oil and permanent oil colors. It's covering, spreading, and wearing qualities can be depended upon to give complete satisfaction. Dries hard to a full rich gloss possessing sufficient elasticity to prevent cracking, checking or peeling. Covers 350 square feet in TWO COATS.



For That All-Important First Coat We Recommend Moorwhite Primer

A perfect foundation under any oil paint. It's controlled penetration seals, hides, and adheres to the surface, presenting a continuous, non-absorbent film upon which subsequent coats may successfully be applied. Moorwhite Primer seals the pores of your house and keeps the finish coats of paint from sinking in and causing such paint failures as fading,

chalking, and spotting. Moorwhite Primer is your insurance for a perfect paint job.

It's Whiter Than White MOORWHITE!



We take pride in recommending Moorwhite, the ideal exterior oil paint for enduring whiteness and sheer beauty. Try Moorwhite and see how perfectly it covers, how easily it is applied, and how long lasting and durable it is. Let Moorwhite make your home OUTSTANDING!



Metallic Barn Paint

Fine for barns and general farm use where a tough paint is needed. Some prefer Metallic Barn Paint for its covering capacity and ease of application—others like it for its durability. All are agreed that Metallic Barn Paint combines every desirable feature at a reasonable price.

A Product for Every Purpose:

- **Wagon and Implement Enamel**

Keep your farm machinery from rusting and rotting. Double its life with this sturdy quick-dry enamel.

- **Porch and Deck Paint**

Wear, wear and more wear—that's just one of the fine qualities of this tough inexpensive paint.

- **Shingle Stain**

Makes shingles colorful and attractive and keeps them in fine condition for years afterward.

- **Roof Cement**

A cement that can withstand any type of weather and still remain non-brittle, firmly adherent and a real protection.



Quality Forever, Moore

Beauty, Protection, Economy

Use Moore Paint



COLOR

It's Brilliant!

It's Washable!

It's Sanitary!

REJUVENATE YOUR FLOORS

Tile-Like Floor Enamel



For wood or cement. Rapid drying, tough and elastic—the most durable and satisfactory floor enamel obtainable.

FOR LASTING BEAUTY TRY

4T5 Varnish



Waterproof, economical, and durable. This long-life pale varnish will not scratch, mar, or turn white under boiling water. Dries in four hours.

Make Your Home The Newest House on the Street

Color on the walls and ceilings of your home is a keynote of beauty. It forms the decorative background for all the things that change a house into a home. In the brightness of day or the soft glow of evening lights it attracts the admiration of friends and creates home pride in your family.

Sani-flat—a truly superior product

The velvety-soft finish and beautiful shades of Sani-flat will bring color and charm to the walls of your home. This flat oil paint comes in twenty lovely pastel shades. It's covering capacity is remarkable, and it may be washed and rewashed with never a change in the color or finish.



Utilac—Utility Enamel

The Original 4-Hr. Dry

Utilac gives new beauty and finish to old surfaces. It's wide range of lovely colors, ease of brushing, and quick dry will enable you to renew time-worn walls and woodwork, furniture, and odd pieces. Utilac will convert your home into a bright, colorful place of unusual beauty.



THIS COUPON IS VALUABLE—SIGN YOUR
NAME BELOW

BRING 25c TO OUR STORE AND
RECEIVE

One High Quality Utilac Brush
One-half Pint Can Utilac Enamel

Name.....

Address.....

Use MURESCO

The decorative flat wall finish with every modern requirement



Muresco brings you Modern Colors in their most attractive form. Color Style your walls in one coat, with Muresco—the smooth, soft, glareless effect is unsurpassed.

The Walls and Ceiling of a room can be Murescoed with a minimum of labor and inconvenience, as the preparation and application of Muresco requires only a short time. It is applied quickly with a large brush, and one coat covers solidly, drying at once so that the room can be used again without delay.

✓ **These FACTS!**

- *Will not rub off*
- *No objectionable odor*
- *Sanitary and clean*
- *Easy to mix and apply*
- *Dries quickly*
- *Covers in one coat*
- *Wide assortment of beautiful pastel tints*
- *Costs little*

Beauty and Thrift Are Partners

You can have beautiful luxurious walls and still be thrifty, for Muresco's soft clean colors, entirely free from glare or highlights, cost less—much less—than paint. Not only does the Muresco itself cost less, but it costs less to apply.

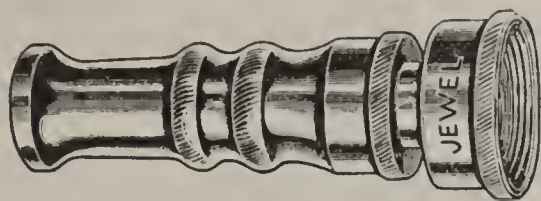
18 Beautiful Colors to Choose From

Your most becoming colors are available, for you can choose from eighteen Muresco colors in authentic style. . . . Or if you have a flair for color you may intermix standard tints to achieve almost any conceivable color for your walls.

**A room can be entirely redecorated with Muresco,
all ready for occupancy within a single day.**

VAN'S LAWN EDGER

Merely insert straight blade between sidewalk and sod and with slight foot pressure the curved, scalloped blade easily cuts through the sod, clean and uniform. A pull of the lever deposits cutting in basket. **Each, 89c.** Weight 4 lbs.



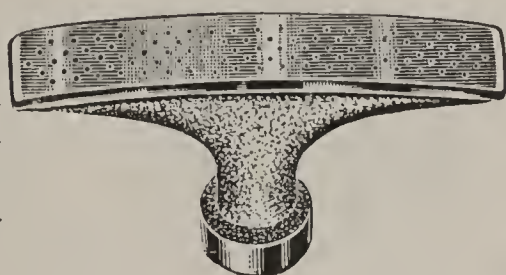
JEWEL NOZZLE

Heavy brass nozzle, correctly centered. Will throw fine mist or coarse spray. Weight, 1 lb. **Small size, 50c; large, 75c.** Add postage.

FLAT SPRAY

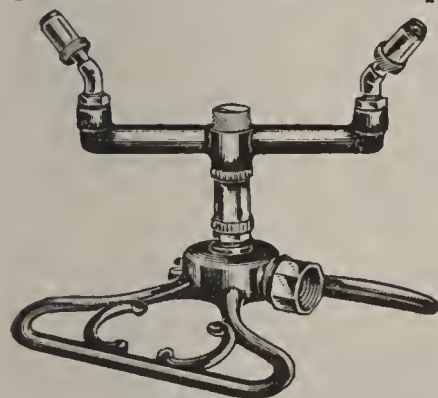
Solid Cast Brass

It is NOT plated. For flowers and tender plants. Top of heavy sheet brass. Width $\frac{7}{8}$ in. by $5\frac{1}{4}$ in. wide. Throws a fine, fan-shaped spray. **Each, 65c; postpaid, 73c.**



PARKSIDE

The best and most efficient sprayer in the medium price range.



Special bearing that will last indefinitely. Adjustable nozzles are brass and can be adjusted to throw a fine, medium or coarse spray. Positive stop so that revolving arms can be placed in one position and nozzles adjusted to give continuous water in one position. Will distribute water thoroughly on low water pressure.

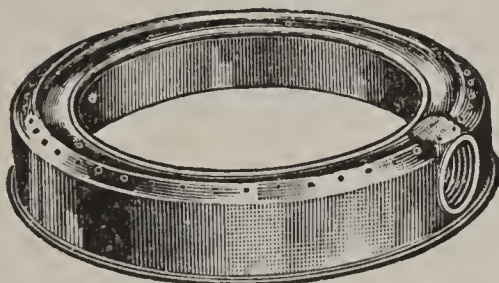
Each, \$3.00. Wt. 4 lbs. Add postage.

RING

All Brass Sprinkler

Water circle 28 feet in diameter. Sprays 8 gal. a minute. Guaranteed to stand high water pressure. Will not rust and will last a lifetime. No danger of upsetting.

Each, \$1.15. Wt. 1 lb.



HALF CIRCLE LAWN SPRINKLER

Ideal for use at the edge of gardens and flower beds, or along the sidewalks. Can be moved without shutting off the water. Covers a complete half circle. Made of heavy brass. **Each, 85c.** Wt. 1 lb.



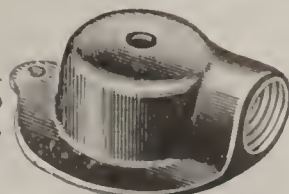
"SPIKE" SPRINKLER

Made of cast brass and throws a 20-foot fine fan-shaped spray away from the sidewalk onto the flower bed or lawn. Nothing to wear out. Our city park system is using dozens of these sprayers. **Each, 35c.** Wt. 6 oz.



C. B. G. SPRINKLER

No moving parts, cannot wear out. Will water a 24-foot circle. Extra heavy so that it is not easily turned over. **Each, 45c.** Wt. $1\frac{1}{2}$ lbs.



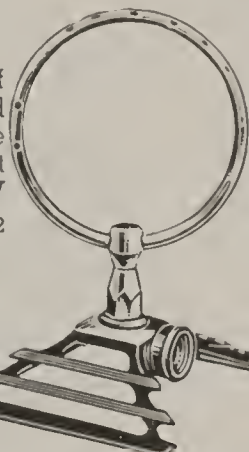
FROG LAWN SPRINKLER



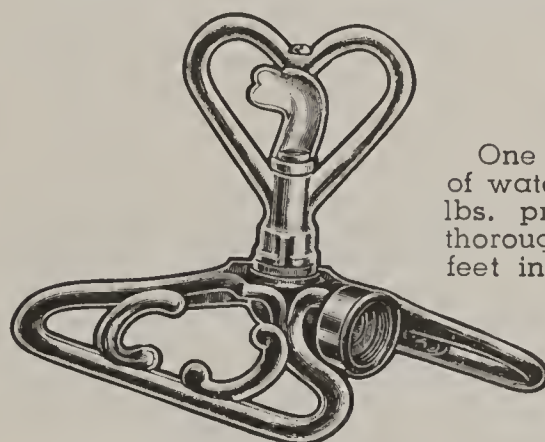
A realistic appearing, ornamental, efficient lawn sprinkler that throws a spray. Finished in green with black spots and white throat. Ideal for Rock Gardens. **Each, \$1.30.** Wt. $2\frac{1}{2}$ lbs.

Globe Revolving Sprinkler

It makes a veritable globe or ball of spray and mist giving an even and thorough distribution of water. Made of solid brass, waters a circle of 30 feet in diameter. Operates on VERY LOW WATER PRESSURE. **Each, \$2.00.** Wt. $2\frac{1}{2}$ lbs.



BUSY LAWN SPRINKLER



One of the BEST distributors of water on the market. With 20 lbs. pressure the "Busy" will thoroughly cover a circle 35 feet in diameter.

Each, \$1.30. Wt. $2\frac{1}{2}$ lbs.

SPRINKLER HEADS

for the "Busy" Sprinkler with new composition which gives long life. **Each, 65c.** Wt. $\frac{1}{2}$ lb.

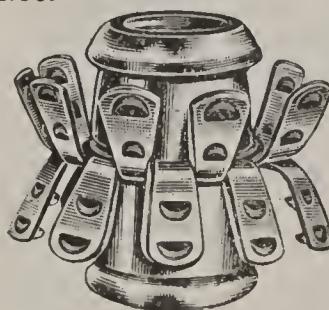
Spike Sprinkler

The best for sprinkling a large area with low water pressure and provides that rain-like floating mist that your garden so welcomes. New improved Blake Head mounted on a $\frac{3}{8}$ in. pipe.

No. 2, height 2 feet, water circle diameter 36-40, weight 3 lbs., price \$1.75.

No. 4, height 4 feet, water circle diameter 38-42, weight 4 lbs., price \$2.10.

No. 6, height 6 feet, water circle diameter 40-44, weight 6 lbs., price \$2.50.



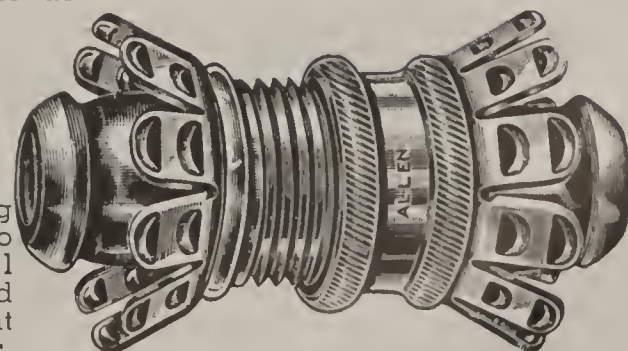
Hose Menders

When the hose breaks it is but a matter of seconds to cut out broken section, insert mender and clamp.

Each, 10c.

Cast Brass Couplings

This new coupling makes it easy to connect several lengths together and gives a permanent coupling. **Each, 25c.**



Rubber Garden Hose, Lawn Mowers, Hose Reels carried in stock.

For Better Gardens With Less Work Use HUDSON GARDEN TOOLS

HUDSON SPRAYERS AND DUSTERS



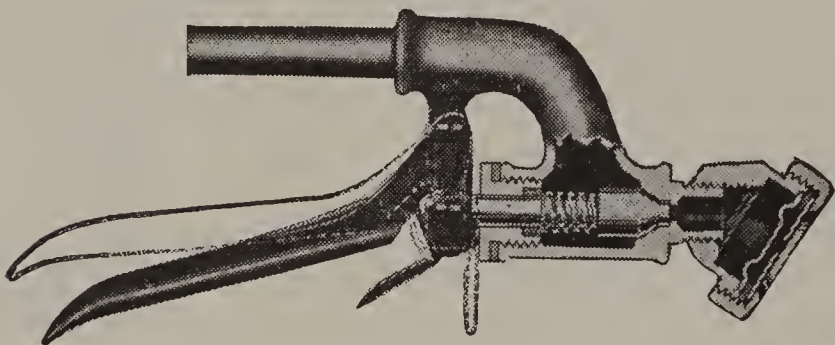
The Perfection

The one sprayer in a class
by itself—"THE BEST"

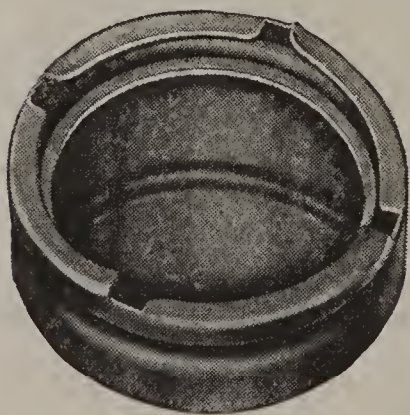
\$6.75

Tanks full 4-gal. capacity, tested for 100 lbs. pressure. Top seam electric welded, side and bottom seams riveted, all heavily soldered. Equipped with NEW OPEN TOP. Gives extra large opening for ease in filling and cleaning, yet air tight sealing. Complete with 27-in. spray hose, 2-ft. brass extension, all brass nozzle, adjustable for ANY POSITION. No. 210G, Wt. 13 lbs. Price \$6.75.

ONLY HUDSON PERFECTION HAS THESE FEATURES



Automatic Shut Off—Finger Tip Control



Open Top Construction
Fills Easily
Drains Completely
No Waste of Material or Time

CLIMAX

3½ gal.

\$4.95

Open top, automatic shut off, 100-lb. pressure tank. Shipping weight 10 lbs. Add postage.



Adjustable
Nozzle



THE BOOSTER

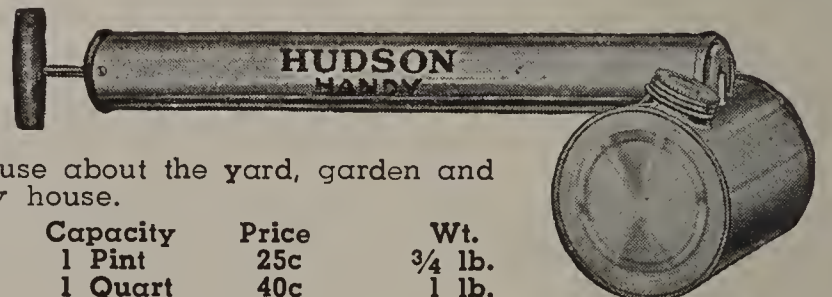
A full 3¼-gal.
sprayer for

\$3.39

Has the new NuEez Funnel Top which makes filling easy. Tank 20 in. high with side seam securely riveted. Tested to 90 lbs. pressure. Complete with 24 in. high pressure spray hose, 18 in. brass curved extension and all brass nozzle. No. 191G. Weight 9 lbs. Price \$3.39.



HANDY SPRAYER



For use about the yard, garden and poultry house.

No.	Capacity	Price	Wt.
222	1 Pint	25c	¾ lb.
440	1 Quart	40c	1 lb.

HOUSEHOLD SPRAYER

A favorite and necessity in every home. Easy to clean and fill.



No.	Jar	Price	Wt.
F2½	Tin	15c	½ lb.
G3½	Glass	25c	¾ lb.

CRESCENT SPRAYER

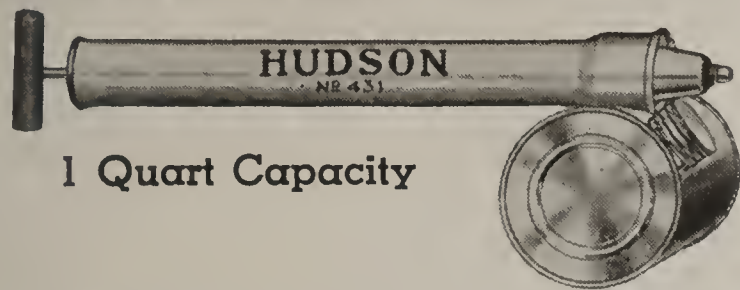


85c

The ideal sprayer around the home. Any quart size Mason jar may be used, so that it is easily changed from one solution to another. Double discharge tubes throw a wide fan-shaped spray. No. 430, capacity 1 quart, price 85c, wt. 3 lbs.

Hudson Sprayers are made in the largest and best equipped factory of its kind in the world. Each sprayer is tested before packing and every one is guaranteed to work perfectly. Be sure you select the proper sprayer for your purpose.

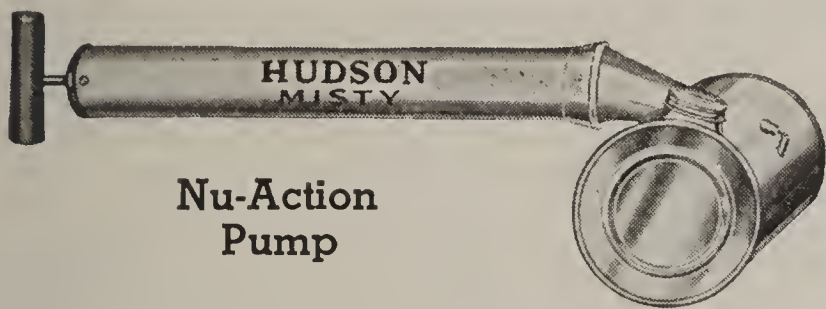
HUDSON CONTINUOUS SPRAYERS



1 Quart Capacity

The No. 431 Continuous is a one-quart capacity sprayer at an attractive price. Produces a generous volume of spray per stroke, which is so finely divided that it remains suspended in the atmosphere indefinitely. A splendid pattern for use with fly-oils, moth liquids, disinfectants, theatre sprays, deodorants, etc., in hotels, apartments, restaurants, larger homes, and similar places. Each completed unit individually tested and inspected. **Price 65c.**

HUDSON MISTY

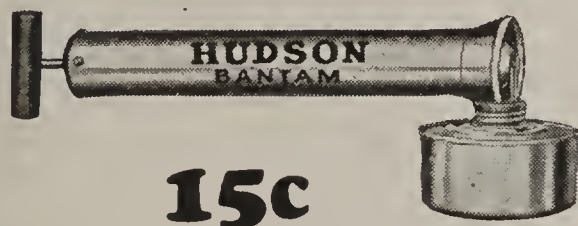


Nu-Action
Pump

Note large 1 1/4-inch filler opening

The MISTY is a universal favorite for use about the house, yard, backyard garden, poultry house, etc. Note its sturdy appearance and construction, which combines strength, simplicity and neatness. The point of the pump passes through the tank and is firmly soldered. Spray tube is aligned before soldering so that the air and syphon tubes are always in line. Each completed unit is individually tested and inspected. **Price 50c.**

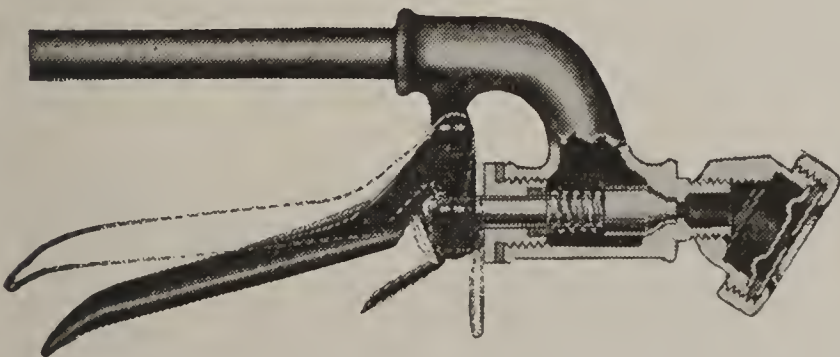
HUDSON BANTAM SPRAYER



15c

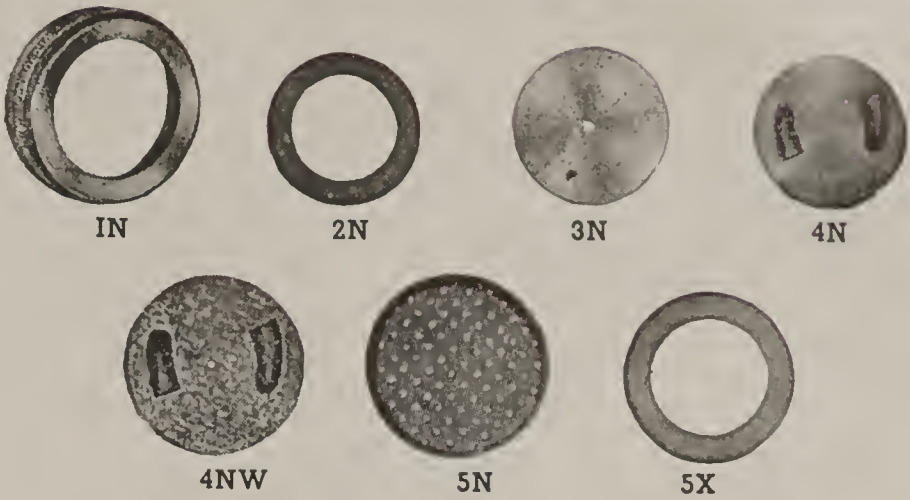
The F2 1/2 BANTAM provides a small household sprayer at a moderate cost. All metal construction prevents possibility of breakage, provides lighter weight for shipping use, etc. Handles all household insecticides and disinfectants. Each completed unit individually air-tested and inspected. **Price 15c.**

PERFECTION SHUT-OFF



The improved Perfection Shut-Off locks open for continuous spraying. All brass, all parts carefully machined. Liquid channels are non-clogging. Reversible spray disc adapts it for fine or coarse spray, or when removed, for solid stream. Threaded with 1/4 inch standard taper pipe thread. Suited for use with all makes of compressed air sprayers.

No. 176. PERFECTION SHUT-OFF, with nozzle. Each.....\$1.50
No. 161. PERFECTION SHUT-OFF, no nozzle. Each..... 1.10



In addition to parts listed we have a complete stock of pump gaskets, washers and other sprayer parts.

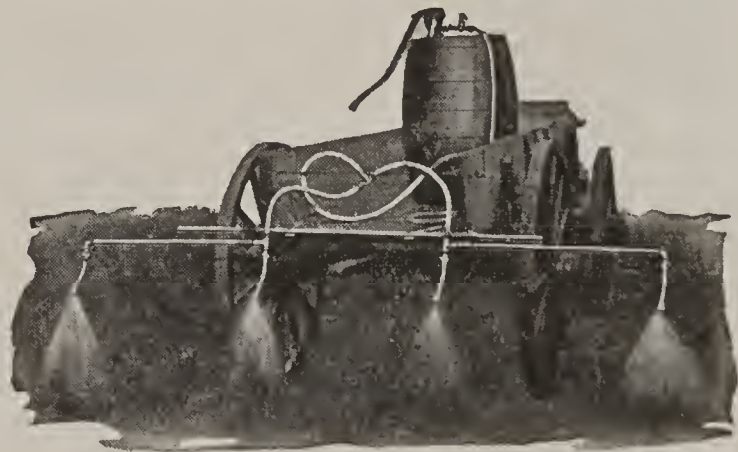
1N—Fog Nozzle Cap. Each	\$0.15
2N—Fog Nozzle Washer. Each .....	.05
3NC—Fog Nozzle Outside Disc, Reg. Each .....	.10
3NF—Fog Nozzle Outside Disc, Fine. Each .....	.10
4N—Fog Nozzle Inside Disc, Reg. Each .....	.10
4NW—Fog Nozzle Inside Disc, for whitewash. Each.....	.10
5N—Fog Nozzle Screen. Each .....	.10

HUDSON SPRAY HOSE



Built to stand working pressure of 250 lbs. and bursting pressure of 1000 lbs. 3/8 inch. **Per foot, 15c.**

HUDSON
4-Row Field Sprayer



This outfit is a favorite with the potato and beet grower. It is an inexpensive high-pressure outfit which will cover ten to fifteen acres per day. Pump capable of developing 200 pounds nozzle pressure. Has ample capacity for any number of nozzles from one to eight. Equipped with four fog nozzles adjustable for rows 32 inches to 48 inches apart. **No. 14, complete with pump and boom, hose and nozzle, no barrel or wagon, each \$22.00. Weight 70 lbs.**

HUDSON DUSTERS



Ample power and capacity for garden and field. Handles all types of dry powdered insecticides efficiently. Useful around the home in war on roaches, ants and other crawling insects.

No.	Wt.	Price
660	1/2 lb.	35c
664	1 lb.	60c

Note—No. 664 has extra large powder reservoir.

GARDEN PLOW

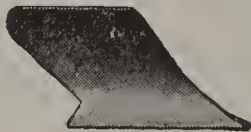
Tool equipment consists of Cloverleaf Sweep for surface cultivation, Double Pointed Shovel for deep cultivating, trenching, etc., and Combination 5-tooth Cultivator and Scuffle Hoe. Handles of seasoned hardwood reinforced at tips. Wheel 24 inches high and 1¼ inch tread.



No. 446
Wt. 19 lbs.
\$4.00

G230 PLOW

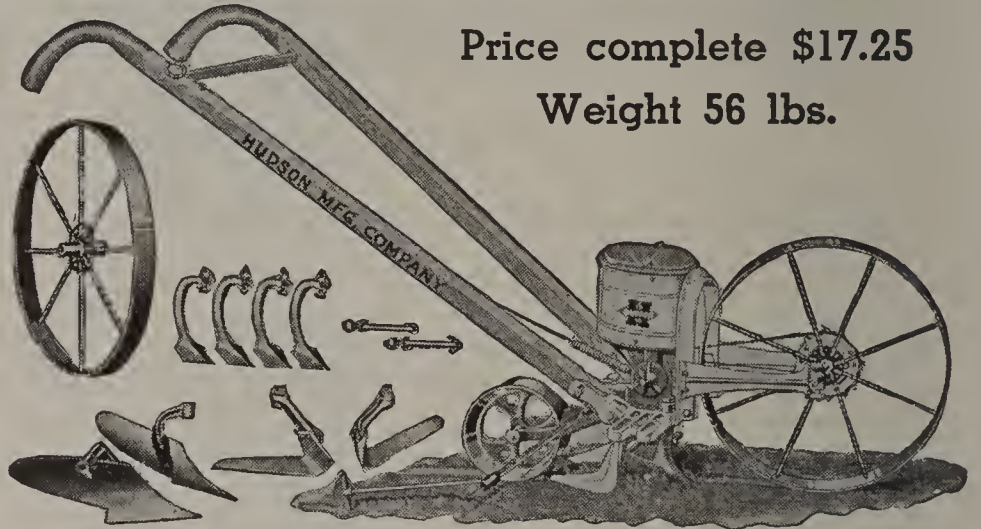
Can be used to open or close a furrow, hill row crops, or open small irrigation trenches. It will fit any standard make of high wheel plow. Face is polished to scour readily. Each, 75c; postpaid, 80c.



HUDSON HILL AND DRILL SEEDER— SINGLE OR DOUBLE WHEEL CULTIVATOR

Price complete \$17.25

Weight 56 lbs.



As a seeder, this machine opens the furrow, drops the seed, closes the furrow, packs the earth and marks the next row—ALL IN ONE OPERATION. Plants in drills or hills. Easily converted into a cultivator that serves every purpose from seedling stage to harvest.



G245 5-Tooth Cultivator Attachment

is one of the most widely used tools. It will fit any standard high wheel plow. Will work up a fine dust mulch. Each, \$1.00; postpaid, \$1.10.



NO. 25—SPECIAL
Price Complete

\$17.50

KER-O-KIL Weed Burners and Disinfecting Tanks

Burns Kerosene, White Gasoline and Distillate

KER-O-KIL NO. 20

2½-gallon tank with smaller burner recommended for small farms, poultrymen and others needing a small but effective burner. Generates 2000° F. at burner. Shipping weight about 15 lbs. Each, \$15.00.

NO. 44 ALL-PURPOSE WEED BURNER

Absolutely the best burner we have ever sold. Large in size; light in weight; this NEW Ker-o-Kil Gasoline or Kerosene Weed Burner quickly solves your most difficult burning problem.

Its 44-inch flame spreads out to a width of 2 feet; making it possible to quickly cover large areas. The LIGHT-WEIGHT Burner has been specially designed for hour-after-hour use. The 4-foot extension handle at all times keeps the operator away from the intense heat of the burner flame. This is particularly important when burning irrigation ditches or partly dried weeds. FOR THE FIRST TIME, here's a burner really designed for EFFECTIVE WEED BURNING UNDER ALL CONDITIONS.

SPECIFICATIONS

TANK: 4-gallon capacity, with funnel top; of all welded construction; head and bottom 18 gauge steel; body 20 gauge copper bearing steel; complete with 1¾"x16" brass air pump; positive all-brass check valve; oil-resisting gasket of Neoprene. HOSE: 4-foot length of ¾"—2-ply oil resisting hose complete with brass inserts and galvanized clamps. GAUGE: 60-lb. air pressure gauge. VALVE: ¼" fuel regulating needle valve. HANDLE: 4-foot double grip extension. FLAME LENGTH: 44 inches. FLAME TEMPERATURE: 2000° F. FUEL CONSUMPTION: 2 gallons per hour. FUEL USED: Either kerosene or white gasoline. SHIPPING WEIGHT: 25 pounds.

KER-O-KIL NO. 25 SPECIAL

A large burner with 4-gallon tank and tilted carrying handle. Flame length 18 inches; flame spread 12 inches; flame temperature 2000° F. Shipping weight about 20 lbs. Each, \$17.50.

Garden Necessities

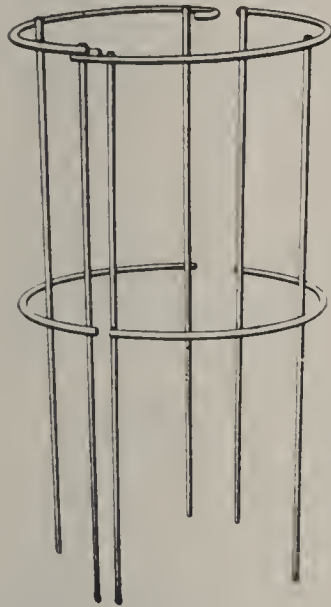
THE "SNIP-IT" GRASS SHEARS

No. 151A—Up and down moving handles prevent blisters, hand cramp, wrist tire, skinned knuckles and grass stains. Cuts all weights of grass without adjustments. **Price, each,**

\$1.00



We can also furnish the same type Grass Shear known as Doo-Klip but of heavier construction. **Price \$1.50.**



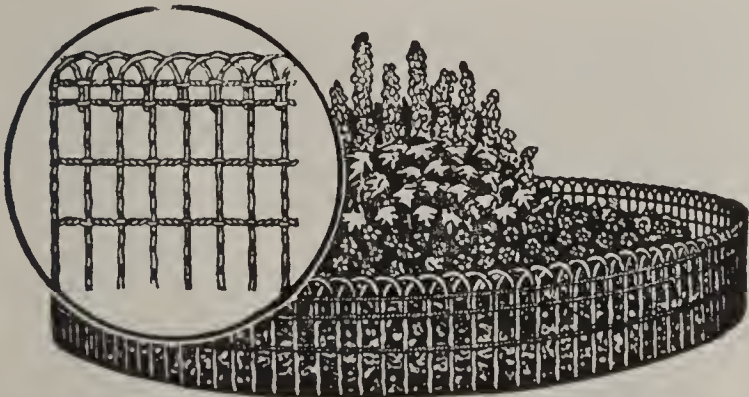
Peony Plant Supports

Made of steel wire, electric weld-ed. Built in halves, hooks together to form rigid plant support. Halves can be used separately for foliage in house borders.

No.	Diameter	Height	Wt. Each
824	16 in.	24 in.	2½ lbs.
Each, 45c; ½ doz., \$2.50; 1 doz., \$4.75.			
No.	Diameter	Height	Wt. Each
630	18 in.	30 in.	2½ lbs.
Each, 60c; ½ doz., \$3.35; 1 doz., \$6.20.			

These must be shipped by express or freight.

PROTECT YOUR LAWN—GUARD YOUR FLOWERS



Makes a sturdy and beautiful border for lawn or flower bed. Keeps off the dogs. It's easy to put up, too. Just push the heavy 9½-in. gauge pickets into the ground. Pickets spaced 3 inches apart. 13 gauge double cable lines twisted together and around each picket.

Height	Shipping Wt. per ft.	Running ft.
16 in.	1 lb.	10c
22 in.	1 lb.	12c



All leather—Dirt proof—Washable. Yet so soft and pliable they allow almost barehand freedom. Comfortable wear with thorough protection. Economical, too, for they are very durable and can be worn the year 'round for general home use as well as gardening. Three sizes. For both men and women. Large, medium, or small. State size wanted. **75c pair; 2 pair, \$1.40 postpaid.**

SNAP CUT PRUNER



Price \$1.75

Postpaid \$1.90

Is new and different. It easily cuts ¾-inch green wood with perfectly clean cut.

VEGETABLE AND FLOWER PAPER POTS

Water Proof

Made of tough waterproof paper eliminating breakage. Research has proved that this new pot encourages maximum growth. The walls of the pot are non-porous and promote a more even distribution of moisture. Try them if you raise your own flowers and vegetable plants. The plants are grown from seed to maturity.

Do not confuse with red paper pots, suitable only for shipping.



Size	Per Doz.	Per Doz. P. P.	Per 100	Per 100 P. P.	Per 1000 Gt. Falls
2¼ in.	15c	18c	\$.80	\$.90	\$ 7.00
3 in.	20c	23c	1.10	1.20	8.75
4 in.	30c	36c	1.65	1.75	14.50

Red Clay Pots

Diameter	Shipping Wt.	Price
3"	½ lb.	6c
4"	1 lb.	12c
5"	2 lb.	18c
6"	3 lb.	27c
7"	4 lb.	35c
8"	6 lb.	55c
9"	8 lb.	65c
10"	10 lb.	\$1.05
12"	17 lb.	\$1.75

Pots are approximately same depth as diameter. All prices F.O.B. Great Falls. Add shipping cost.



IT REALLY SOAKS THE SOIL



12 FEET

\$1.00

18 FEET

\$1.50

Now you may use the same successful Deep-Soaking method employed by big commercial irrigators.

With the 18-ft. length SOIL-SOAKER you soak an area of 150 to 180 sq. ft.—and put all the water down d-e-e-p—down to the heavy root system—down where benefits are lasting. Surface-sprinkling does not reach the roots—water evaporates quickly.

This is why SOIL-SOAKER helps you grow luxuriant lawn, vigorous shrubs, roses, trees and gardens. 12 ft., \$1.00; 18 ft., \$1.50.

HOTKAPS

Protect Crops

AND PAY PREMIUM PROFITS



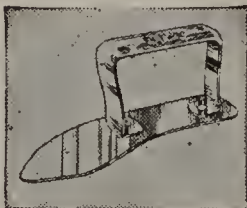
Protect your plants against weather and insects with HOTKAPS. Have vegetables and flowers weeks earlier.

HOTKAPS—An Individual Hothouse for Every Plant!

Size	Wt.	Price Gt. Falls
25 Pkg.	1½ lbs.	\$.50
Contains 25 Hotkaps and paper setter		
100 Pkg.	5 lbs.	\$2.75
Contains 100 Hotkaps, 1 metal setter, 1 tamper		
250 Pkg.	9 lbs.	\$4.00
Contains 250 Hotkaps, metal setter and tamper		
1000 Pkg.	28 lbs.	\$10.75
Contains Hotkaps only		
Steel Setter	½ lb.	\$.50
Steel Tamper	¼ lb.	\$.25



Steel Setter



Steel Tamper



WOOD LABELS

Made of Red Cypress, will last a lifetime. Perfectly white and smooth and never requires paint.

Size	Per 25	100	500
4 in.....	\$.15	\$.40	\$1.60
6 in.....	.20	.55	2.10
10 in.....	.25	.75	3.25

'TWIST-EMS'



Place 'Twist-ems' around stem and support



Twist ends between finger and thumb



In a "flash" stem is securely tied

4 inches long—250 Box	25c
8 inches long—125 Box	25c



Plantabbs combine a complete fertilizer for all plants with the new element Vitamin B1—which has produced such remarkable results in increasing plant size and growth.

Plantabbs may be used as a regular fertilizer or plant food for all flowers and vegetables and for pot or field culture. Vitamin B1 permits plants to use the plant food to better advantage.

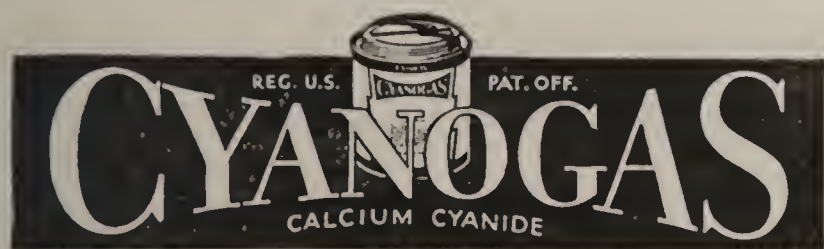
In boxes—
30 tablets 25c, postpaid 28c; 75 tablets 50c, postpaid 55c; 200 tablets \$1.00 postpaid.

BLOOMLIFE

CUT FLOWER FOOD



Adds 2 to 5 days to the life of cut flowers. No recutting of stems. No change of water. Bloomlife comes complete—ready for use—nothing to add. 10c per package; postpaid, 12c.



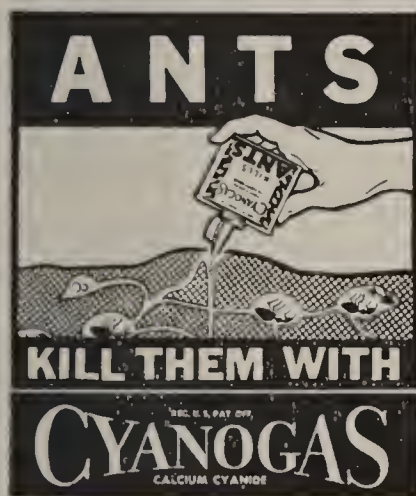
The Quick, Easy, and Positive Way to Kill Gophers, Prairie Dogs, Rats, Mice, Snakes, and Soil Insects

Ideal for fumigating houses to rid them of Bed Bugs, Roaches and Insects. Complete directions with each can.

Article	Size	Price
A—DUST	1/2 lb.	\$.45
A—DUST	1 lb.	.75
A—DUST	5 lbs.	3.00
GRANULAR	5 lbs.	3.00
"	25 lbs.	10.00

NOTICE: The A—DUST is recommended where immediate results are desired. Ground finer and releases the gas more quickly.

There is nothing left to chance when Cyanogas is used as it kills every living insect, animal and even fungus.



KILL ANTS INSTANTLY

CYANOGLAS ANT KILLER does not rely on feeding habits of the ants. It kills them with gas. The spouted 4-oz. can (enough to kill a million ants) is especially designed for treating ant nests in gardens and lawns. 4-oz. can, 30c; postpaid, 35c.



Ready Filled Set

ANTROL SAFE TO USE

Kills Ants in Their Nest

A SCIENTIFIC METHOD, SAFE, SURE, PERMANENT

Consists of small glass containers from which worker ants carry special Antrol Syrup to their nests for food. The whole ant family is quickly killed at the source—the only way to get permanent relief.

Prices—Antrol Ready-filled Set, containing 4 filled feeders, 40c; Antrol Regular Set, 4 containers and 4-oz. bottle syrup—enough for two fillings, 75c; Antrol Syrup for Refilling, 4-oz. bottle, 35c; pint bottle, 85c.



SAFE TO USE AROUND CHILDREN AND PETS
Can be used inside or outside the house

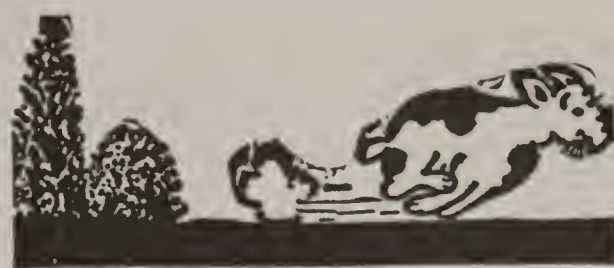
ANTROL ANT POWDER

(A new formula.) Quickly kills Ants, Roaches, Silverfish. We guarantee Antrol Ant Powder to be the fastest killing powder on the market and if used in dry places will retain its effectiveness from two to four weeks. NEW SIZES: 1 3/4-oz. cans, 15c; 4 1/2-oz. cans, 35c. Add postage.

OYLAPINE

PINE OIL DISINFECTANT

Widely used by schools, taverns, and other public places for disinfecting and deodorizing. Also valuable for bathing dogs and cats. Dilute with water. Quarts, 60c, weight 2 lbs.; gallons, \$2.00, weight 12 lbs.; add postage.



"DOGZOFF"

If you are bothered with dogs, cats or rabbits, "Dogzoff" is the spray you need. It is a most efficient animal repellent and one spraying will last from three to four weeks. Not poisonous to plants and will not injure animals. Not offensive to humans. Its use is guaranteed to keep these animals from any place where they are not wanted.

"Dogzoff" is applied with any small insect sprayer and one application does the work.

"Dogzoff" will save its cost many times over around the garden and home.

Price for Season's Supply.....

60c

Acme Dawg-Gone

Protect that evergreen—keep dogs away. Remove cap and hang tube of Dawg-Gone (opening down) in lower branches of trees at the points of approach. The odor slowly emanating from the open tube will keep dogs at a distance—replaces unsightly wire screens or mechanical contrivances. Mailable. Tubes, 25c each; postpaid, 28c.



Grow Flowers, Vegetables WITHOUT SOIL

"The Sensation of the 20th Century"



We proved Chemi-Grow right in our own store window by raising a crop of ripe tomatoes, peas, and gladioli in an aquarium six inches wide and eight inches long. Complete instructions with each package. Enough to make 15 gallons of liquid chemical, and to grow many plants. 55c postpaid.



1-lb. pkg., \$1.50; postpaid, \$1.60.

MOUSE SEED. The most satisfactory mouse exterminator ever sold. A natural treated seed which attracts the mice. They chew out the inside kernels and thirst then drives them out to die. No baits, no traps, no muss. "A saucer and seed is all you need." 25c per package.

Postpaid28c



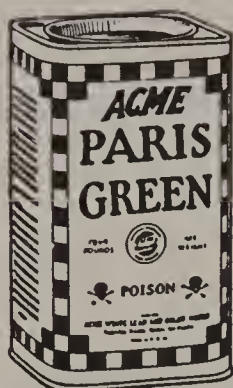
ACME SPRAYING GUIDE

Companion of
Acme White Lead and Color Works
Detroit, Michigan

WHEN AND WHAT TO SPRAY

Write for this Fine Guide Free

SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY
1. Apple	2. Pear	3. Peach	4. Plum	5. Cherry	6. Strawberry
7. Raspberry	8. Blackberry	9. Elderberry	10. Currant	11. Gooseberry	12. Mulberry
13. Elder	14. Hawthorn	15. Dogwood	16. Magnolia	17. Camellia	18. Azalea
19. Rhododendron	20. Lilac	21. Forsythia	22. Hydrangea	23. Viburnum	24. Spirea
25. Weigela	26. Deutzia	27. Nandina	28. Ligustrum	29. Syringa	30. Forsythia
31. Hydrangea	32. Viburnum	33. Spirea	34. Weigela	35. Deutzia	36. Nandina
37. Ligustrum	38. Syringa	39. Forsythia	40. Hydrangea	41. Viburnum	42. Spirea
43. Weigela	44. Deutzia	45. Nandina	46. Ligustrum	47. Syringa	48. Forsythia
49. Hydrangea	50. Viburnum	51. Spirea	52. Weigela	53. Deutzia	54. Nandina
55. Ligustrum	56. Syringa	57. Forsythia	58. Hydrangea	59. Viburnum	60. Spirea

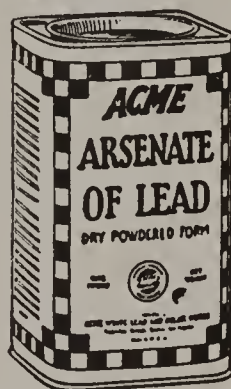


ACME PARIS GREEN

A rich, emerald color and of fine fluffy physical character. Containing 55 per cent arsenious oxide, it will give quickest control where extreme measures are necessary.

Prices: 1/4 lb., 18c; 1 lb., 50c; 5 lbs., \$2.25; 14 lbs., \$5.00; 100 lbs., \$31.00.

Acme Arsenate of Lead



It is safest to use on tender foliage and sticks well on the leaves. Recommended for fruit trees, vegetables, bushes. Can be used as dust or spray.

Prices: 1/2 lb., 20c; 1 lb., 35c; 4 lbs., 80c; 100 lbs., \$14.95.

ACME KOPPER KING

An improved Bordeaux mixture. Kopper King is a Basic Copper Sulphate, a fungicide of revolutionary importance. It is neutral and insoluble, requiring no lime to keep it from burning. Kopper King contains 50% copper, twice as much as ordinary copper sulphate (common bluestone). Can be used either as a liquid spray or combined with a carrier in making a home-made dust. 1 lb., 40c.

ACME STOP

"STOP" is the name of Acme's splendid new tree banding compound, which acts as an uncrossable barrier to crawling insects such as ants, worms, and certain other varieties of insect life. 6 oz., 35c; 1 lb., 65c.

ACME BAIT-M

An effective insecticide bait which will throw a ring of protection around shrubs, flowers and plants in garden and lawn. For use against snails, slugs, cutworms, ear-wigs, sow bugs, grasshoppers and many other insects which migrate along the ground. Prices, 1 1/2 lb., 35c; 4 lb., 85c.

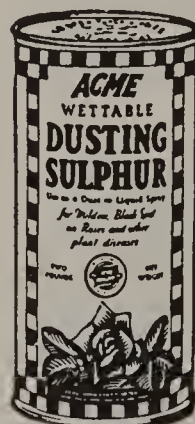


Acme Red River Potato Mix (Special Formula for Potatoes Only)

A scientific development combining a new patented copper fungicide with quick-killing arsenic. Kills potato bugs quicker, drives off flea beetle and leaf-hopper, prevents blight from gaining a foothold, stimulates foliage, making more and better potatoes. Complete control in one operation—at one cost. Use as a dust or spray. 1 lb. bag., 35c; 4 lb. bag, 85c.

Acme Rotenone Garden Guard

Protect your garden with a safe insecticide dust. Contains no arsenic or fluorine compound. The killing ingredient is Rotenone. Non-injurious to humans and warm-blooded animals yet effective both by contact and as a stomach poison against insects. Especially recommended for use on broccoli, cabbage, cauliflower, Brussels sprouts, string beans, currants, and sweet corn. A favorite of the housewife for dusting roses and flower gardens. Controls lice, fleas, and mites on dogs, cats, birds and chickens. 1 lb. sifter carton, 35c; 4 lb. 85c.



Acme Wettable Dusting Sulphur

An improved dusting sulphur for home use which can also be used as a liquid spray. Recommended to control mildew, leaf spot, black spot and rust on rose bushes, chrysanthemums, snapdragons, carnations, and certain other foliage; also red spiders on evergreen. 2 lb. carton, 35c each.

ACME APHIS SPRAY

An improved nicotine spray containing a soft fish oil soap with Black Leaf 40, suitable for the control of all kinds of aphid (plant lice), thrips, leaf hopper and many more hardy insects infesting rose bushes, flowers, shrubs, vines, bushes and trees. Mixes easily with any kind of water. Complete directions found with every package. Price: 3-oz. collapsible tube, 35c.



KILL PLANT INSECTS!

Ever Green Garden Spray is deadly to many common types of sucking and chewing garden insects. Non-poisonous when sprayed.

EVER GREEN Garden SPRAY

6 oz., \$1.00; 16 oz., \$2.00

Add postage

BLACK LEAF 40

Kills aphid, red spider, etc. Dilute 1 oz. to 1 gal. of water. 1 oz., 35c; 5 oz., 10c; 16 oz., \$2.25; add postage.



A Real Thrips Control DEVIL DUST

not only is the most effective dust for control of thrips in growing gladioli, but also a superior means of eliminating them on dormant bulbs. Very effective against all aphid, spider, and other insects. 1 lb., 50c; 2 lbs., 90c. Add postage.

CUBOR

Effective against all types of insects and bugs on flowers, vegetables, fruits and shrubs. Mix this dry powder with water, then spray. 2 oz. carton makes up to 12 gallons of all-purpose, low-cost, complete, non-arsenical insect spray. 2 oz. carton, 35c; 1 lb. carton, \$1.25; 4 lb. bag, \$3.20.



Diamond G Poultry Feeds

Are Preferred by North Montana Poultrymen

COMBINE THE LATEST RECOGNIZED VITAMIN ESSENTIALS WITH CLEAN WHOLESOME GRAINS AND CONCENTRATES

DIAMOND G MASHES CONTAIN DR. HESS PAN-A-MIN

Incorporated under the direction and guidance of the Dr. Hess Research Farm. All Diamond G Feed is checked by the Hess Research Laboratories. There is no guesswork about analysis. "Poultry House results" prove the value of this exacting requirement, insisted on by the Hess Laboratories.

What Pan-a-min Is

Pan-a-min is a conditioner and mineral supplement for poultry. Increases feed intake and feed use. Permits your birds to get all the value out of their feed. Supplies the minerals (including manganese) that are lacking in ordinary feed stuffs.

DIAMOND G PAN-A-MIN CHICK STARTING MASH

For a quick start and low mortality in your baby chicks, you will find DIAMOND G Chick Mash a superior feed. Contains Dr. Hess Pan-a-min which keeps the bowels and digestive system regulated, and supplies a proper mineral balance that means good bone structure; also reduces picking troubles. Has Vitamin E added, and contains manganese to prevent hock disease. Please refer to price list.

DIAMOND G TURKEY STARTING MASH

When the poults come, start them on Diamond G Pan-a-min Turkey Mash, 24% protein, all highly digestible. No wonder Diamond G fed poults get started so quickly. You want to build good big frames that you can hang meat on. That takes minerals—plenty of minerals. All the minerals a growing poult ever needs are in Pan-a-min. And there's the plus value of conditioners to keep the youngsters in condition to make good use of their feed and grow out quickly. Washington State College proved that more Vitamins A and D are needed for baby turkeys than for baby chicks and you are assured of receiving this in Diamond G Turkey Mash because there is an extra amount of Nopco Fortified Cod Liver Oil added. See price list.

DIAMOND G PAN-A-MIN GROWING MASH

The knowing ones say that the value of a pullet depends largely on how it is fed and cared for during the growing period. That's an all-important fact.

Gradually change your chicks from starting mash to DIAMOND G Pan-a-min Growing Mash, beginning the change at six weeks of age. DIAMOND G Growing Mash develops your pullets into full bodied layers that will go through a strenuous laying season without breaking down. Like all DIAMOND G feeds, our growing mash is "charged with vitamins." In addition to certified A & D content, Vitamin E is added. This has been proven by Doctors Butler and Warren as an aid in helping to eliminate range paralysis. By feeding your birds DIAMOND G Growing Mash, you build up disease resistance. See price list.

DIAMOND G TURKEY GROWING MASH

A specially formulated feed for poults from 8 weeks to finishing time. The extra minerals that a growing poult needs is guaranteed by Pan-a-min—and remember this—scrawny, "pinny" birds are unheard of. You get extra profit, not only by getting top grades but by the extra pounds your poults have at marketing time. See price list.



DIAMOND G PAN-A-MIN EGG MASH

Three pounds of Dr. Hess Pan-a-min in every 100 lbs. help to keep your birds toned up and in "tip-top" health. Pan-a-min aids digestion so that your birds get full benefit from every mouthful of feed. Vitamin E is added to aid in preventing range paralysis. Extra high production, without breakdown, is possible because of the fine balance of proteins and because this feed is "charged with vitamins." See price list.

DIAMOND G PAN-A-MIN BROILER MASH

Especially formulated mash for growing birds for market. This mash may be used for broilers grown in battery brooders or for broilers raised in brooder houses. Quick growth and good feathering with a minimum loss is guaranteed. Produces an even flock of marketable broilers in eight weeks. See price list.

DIAMOND G FATTENING MASH

Used as a finishing feed for cockerels and old hens. This feed quickly puts on extra weight and assures a good finish. Birds dress out in better condition. Excellent for finishing turkeys. Diamond G Fattening Mash may be fed dry or can be mixed with water, milk or buttermilk. If fed wet, feed from 3 to 5 times per day, giving the birds only as much as they will clean up in 20 minutes. This feed is not recommended for broilers. Grain should be fed in connection with this mash. See price list.

SUPER 30 CONCENTRATE

For home mixing egg mash. Super 30 Concentrate supplies the proteins, minerals and vitamins necessary to add to your own grains to give you a complete egg mash. Results, while not as good as you will get from Diamond G Egg Mash, will be better than if you try to buy all the ingredients you need to make a good egg mash. 100 lbs. of Super-30 with your grains will make 600 lbs. of egg mash. See price list.

DIAMOND G CHICK SCRATCH

Rich in steel cut oat groats and yellow corn. This is carefully screened and graded to the proper size. See price list.

WHY WE SAY DIAMOND G MASHES ARE "Charged With Vitamins"

- They are made with Dehydrated Alfalfa Meal instead of sun-cured Alfalfa Leaf Meal. Dehydrated Alfalfa is from four to eight times higher in Vitamin A than sun-cured.
- Nopco Fortified Cod Liver Oil, with guaranteed Vitamin A and D content is used exclusively.
- Bio-Assayed Wheat Germ Oil containing 60 units Vitamin E per gram is used in our mashes.
- Diamond G mashes are rich in milk sugar which is supplied by the best available source for this—dried whey.

Lee's "Master Mated" Chicks

ONE GRADE

Are Money Makers

ONE PRICE

FREE FEED

We know you are getting the BEST in chicks when you purchase Lee's "MASTER MATED" Chicks from us and we want to see them STARTED RIGHT.

With every purchase of 100 or more straight run chicks or pullets, WE WILL GIVE YOU A CASH VOUCHER of \$1.00 for each hundred ordered.

With every purchase of 100 or more Assorted Chicks, WE WILL GIVE YOU A CASH VOUCHER of 50c for each hundred ordered.

THESE VOUCHERS GOOD ONLY ON THE PURCHASE OF DIAMOND G CHICK STARTING MASH and will be honored by any dealer of DIAMOND G POULTRY PRODUCTS.

Issued only to the purchasers of our Lee's "MASTER MATED" Chicks and ARE NOT TRANSFERABLE.

We reserve the right to cancel this offer at any time.



Bred to Lay

Hatched to Live

Our Sixth Successive Year

Selling Lee's "Master Mated" Chicks

THERE'S A REASON

SEVEN IMPORTANT REASONS WHY YOU SHOULD PURCHASE LEE'S "MASTER MATED" CHICKS THIS YEAR

1. 100% BLOOD TESTED. All flocks tested for B. W. D. by the whole blood agglutination test.
2. ONLY 2 oz. EGGS SET. All eggs set must weigh at least 24 to 26 oz. per dozen. Minimum requirement is 2 oz. per egg regardless of breed.
3. NO PULLET BREEDERS. All female breeders are mature birds, 2 years of age or older. ABSOLUTELY NO PULLETS USED.
4. TRIPLE GRADING. Every chick is INDIVIDUALLY GRADED THREE TIMES for size, form and vitality.
5. FUMIGATION. All eggs set are fumigated 5 times a week; a total of 15 fumigations during the entire incubation period.
6. FREE FEEDING GUIDE. If you desire it, you will be given one of our "time tested and proven" feeding guides and complete brooding instructions for the proper care in brooding your chicks.
7. FREE SERVICE. If you have a poultry problem that puzzles you, don't hesitate to call on us. One of our field representatives, who has just completed a post-graduate course at the school clinic held by Dr. Salsbury, will gladly help you, if possible, to the best of his ability. And remember you are under no obligation whatsoever. This service is free and for your benefit.

All prices prepaid to your station and we GUARANTEE 100% LIVE DELIVERY

BABY CHICKS (Not Sexed)

Breed		Per 25	Per 50	Per 100	Per 1000
White Leghorns (Regular)	To April 28	\$3.50	\$6.25	\$11.50	\$110.00
Above Breed	April 28 to May 26	3.25	5.75	10.50	100.00
White Leghorns (Hanson Strain)	To April 28	4.00	7.25	13.50	125.00
Above Breed	April 28 to May 26	3.75	6.75	12.50	115.00
White Leghorn-Black Minorca					
Cross	To April 28	3.60	6.50	12.00	.....
Above Breed	April 28 to May 26	3.35	6.00	11.00	105.00
Rhode Island Reds, Barred Rocks,					
Brown Leghorns	To April 28	3.75	6.75	12.50	115.00
Above Breeds	April 28 to May 26	3.50	6.25	11.50	110.00
New Hampshire Reds	To April 28	3.85	7.00	13.00	120.00
Above Breed	April 28 to May 26	3.60	6.50	12.00	115.00
*White Rocks	To April 28	4.00	7.25	13.50	.....
Above Breed	April 28 to May 26	3.75	6.75	12.50	.....
*White Wyandottes	To April 28	4.35	8.00	15.00	.....
Above Breed	April 28 to May 26	4.15	7.50	14.00	.....
Buff Orpingtons	To April 28	4.25	7.75	14.50	.....
Above Breed	April 28 to May 26	4.00	7.25	13.50	.....

*Our supply of White Rocks and White Wyandottes very limited. Order early. Orders for these two breeds taken subject to ccnfirmation from hatchery.

TERMS: A deposit of \$2.50 per hundred chicks or 2½c per chick is required at time order is placed; balance C. O. D. By paying in full C. O. D. charge is eliminated which is quite an item.

PRICE REDUCTION: On May 26th and after a further reduction of ½c per chick will apply, on above prices.



Day Old Pullets

We Guarantee 95% Pullets. All Prices Prepaid to Your Station

OUR GUARANTEE: We guarantee at all times 95% pullets. If through accident or error an order should contain more cockerels than guaranteed, proper verification must be made to us within 12 weeks of shipment. In such case we will refund the FULL PRICE of the day old pullets for the number of cockerels in excess of the guarantee.

TERMS: A deposit of 3c per pullet or \$3.00 per hundred at time order is placed and balance C. O. D.

Breed		Per 25	Per 50	Per 100	Per 500
White Leghorns (Regular)	To April 28	\$6.25	\$12.00	\$23.00	\$110.00
Above Breed	April 28 to May 26	6.00	11.50	21.00	100.00
White Leghorns (Hanson Strain)	To April 28	7.00	13.50	26.00	125.00
Above Breed	April 28 to May 26	6.75	13.00	24.00	120.00
White Leghorns-Black Minorca					
Cross	To April 28	6.75	13.00	25.00	.....
Above Breed	April 28 to May 26	6.00	11.50	22.00	105.00
Rhode Island Reds, Barred Rocks	To April 28	4.75	8.75	16.50	80.00
Above Breeds	April 28 to May 26	4.50	8.25	15.50	75.00
New Hampshire Reds	To April 28	5.00	9.25	17.50	85.00
Above Breed	April 28 to May 26	4.75	8.75	16.50	.....
*White Rocks	To April 28	5.00	9.25	17.50	.....
Above Breed	April 28 to May 26	4.75	8.75	16.50	.....
*White Wyandottes	To April 28	5.75	11.00	21.00	.....
Above Breed	April 28 to May 26	5.25	10.00	19.00	.....
Buff Orpingtons	To April 28	5.50	10.75	19.50	.....
Above Breed	April 28 to May 26	5.00	9.50	18.00	.....
Brown Leghorns	To April 28	6.75	13.00	25.00	.....
Above Breed	April 28 to May 26	6.25	12.00	23.00	.....

*Pullet orders for White Rocks and White Wyandottes taken subject to further confirmation from hatchery.

PRICE REDUCTION: A further reduction of 1c per pullet on Hatches after May 26th, with the exception of Rhode Island Reds and Barred Rocks which are reduced but 1/2c per pullet.

Assorted Chicks

Postpaid Prices

From time to time we have a few good chicks of various breeds left after filling orders. These Assorted Chicks are shipped without segregation of varieties. We wish to state emphatically that these chicks are NOT CULLS but will show the same efficient brooding results as any of our other chicks. We cannot guarantee any particular variety under this head. Shipments generally consist of two or more varieties.

Assorted Chicks—Not Sexed—may include a few Sexed Pullets and also not to exceed 10% Assorted Cockerels.

Variety	Per 25	Per 50	Per 100
Heavy Breeds (Not Sexed)	\$3.00	\$5.50	\$10.00
Light Breeds (Not Sexed)	2.75	5.00	9.00
Heavy Breeds—Pullets	4.50	8.00	15.00
Light Breeds—Pullets	5.25	9.50	18.00
Heavy Breed—Cockerels (For Capons)	3.25	5.75	10.50
Light Breed—Cockerels (Prior to March 4th)	.....	.....	4.00
Light Breed—Cockerels (After March 4th)	.....	.....	3.00

No order for less than 100 light breed cockerels accepted

Mammoth Bronze Turkey Poults

Customers purchasing turkey poults from us last year all report wonderful satisfaction with this New Type "BABY BEEF" turkey and we are again offering poults from the same hatchery. Produced by one of the foremost turkey breeders in the West. Noted for exceptionally wide breasts and back, short legged and blocky without being over-balanced. They have excellent conformation and clean, bright plumage.

WE GUARANTEE 100% LIVE DELIVERY. PRICES F. O. B. HALSEY, OREGON.

Date	Per 15	Per 25	Per 50	Per 100
March 1st to March 31st	\$8.25	\$13.50	\$26.00	\$50.00
April 1st to May 20th	7.50	12.25	23.50	45.00
May 20th to June 10th	6.75	11.00	21.00	40.00
June 10th on	6.00	9.75	18.50	35.00

A Deposit of 20% of order at time order is placed and balance C. O. D.

NO ORDER ACCEPTED WITHOUT DEPOSIT

HUDSON- THE ACCEPTED NAME FOR DEPEND- ABLE POULTRY EQUIPMENT BROODERS- THAT HAVE PROVEN MOST RELIABLE IN MONTANA

SAFE - ECONOMICAL - CONVENIENT

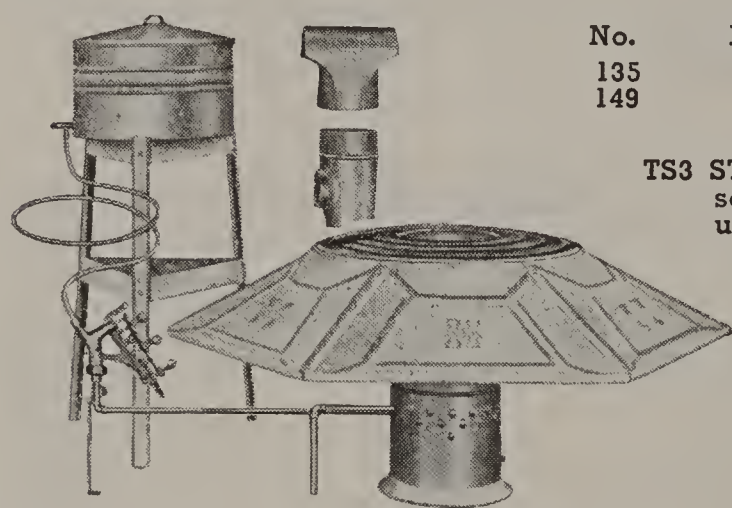
Only HUDSON Offers You These Advantages

ECONOMICAL—Burns low priced distillate. All Hudson drums are completely covered by the hovers, thus conserving heat.

SAFETY—Your investment is protected by the exclusive, automatic "Micro Tem" valve which prevents overheating and takes care of sudden changes in outside temperature. Additional safety in the overflow pipe with outside drain. Improved this year in construction of base which is entirely enclosed, making it impossible for straw, down, or other matter to cause a fire. Wide base eliminates possibility of upsetting.

CLEAN—Sediment trap eliminates all water and foreign matter from oil line. Fastened directly under burner it provides a depository for all carbon which might form in burner.

CONVENIENT—Because the abundance of soft, steady heat blankets the brooder room so that chicks may select the exact warmth they want. Ideal for turkey brooding.



NO. 256

Hudson Master Brooder

These large, silent burners are more economical even in smaller houses because of the larger burner.

Especially adapted for houses 14x14 or larger. A MASTER BROODER for the turkey raiser. Burner is constructed to throw tremendous amount of heat. Dual air inflow gives perfect combustion and eliminates roar and noise found in other brooders. Soot and carbon is self consumed. New Safety Base. Heat is confined to smaller brooding circle so less fuel is used than with room heating types. HEAVY 54-inch canopy with its SPECIAL FEATURE—the HEAT COLLECTOR—saves all the heat and passes it into actual brooding area. Will brood up to 1000 chicks.

No. 255. Each, \$20.95; special with stand, \$21.95, F. O. B. Great Falls.

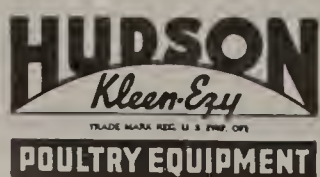
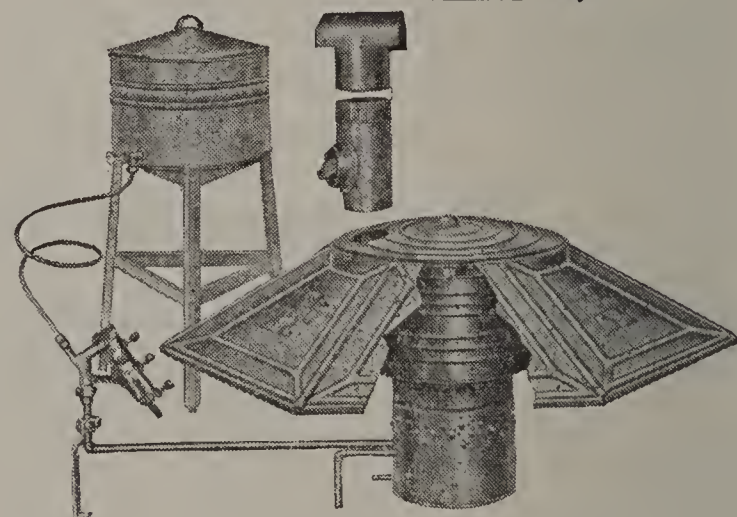
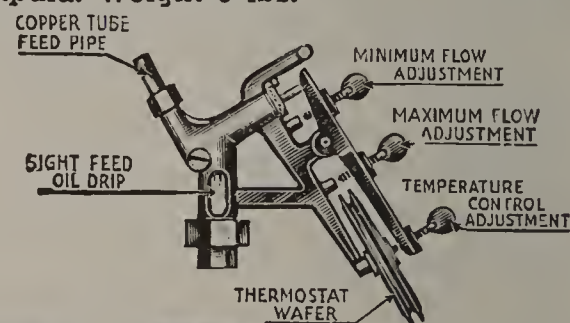
No. 367—1400 chicks or 700 turkeys—\$27.90 F. O. B. Great Falls.

No.	Size Brooder Room Desired	Chick Capacity	Weight	Price With Stand	Price Without Stand
135	10x12	300-500	46 lbs.	\$15.85	\$14.85
149	12x12	400-600	53 lbs.	17.65	16.65

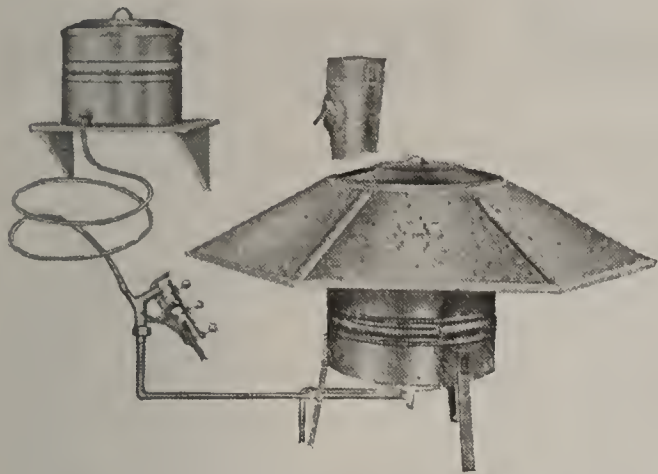
Prices F. O. B. Great Falls, Montana

TS3 STAND for oil tank: Of heavy galvanized steel, well braced and constructed so that it may be anchored to the floor, thereby eliminating any danger of upsetting oil tank. Each, \$1.25, not postpaid. Weight 6 lbs.

Only Hudson gives you this Micro-Tem Valve. Each valve is individually tested under actual conditions before leaving the factory.



When You Select HUDSON



Hudson Standard Brooder

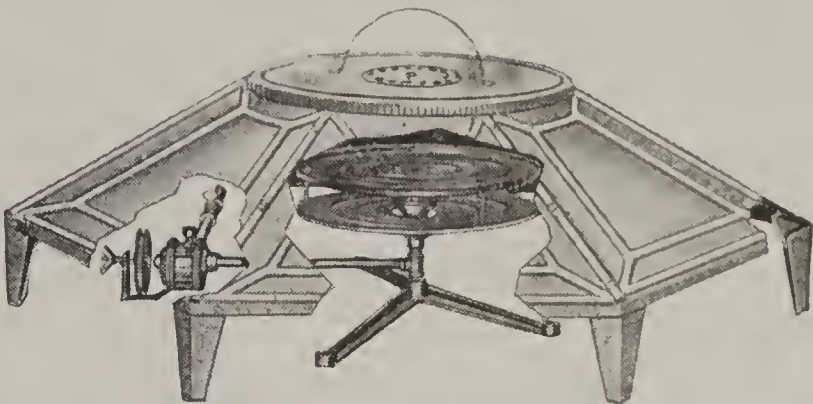
A dependable brooder where low original investment is most important.

No. 52 Hudson Brooder offers safe and economical brooding at a low price. Uniform heat, carefree control for houses not larger than 10x10, and for flocks of not more than 250 chicks. Wt. 36 lbs. \$12.95 F. O. B. Great Falls.

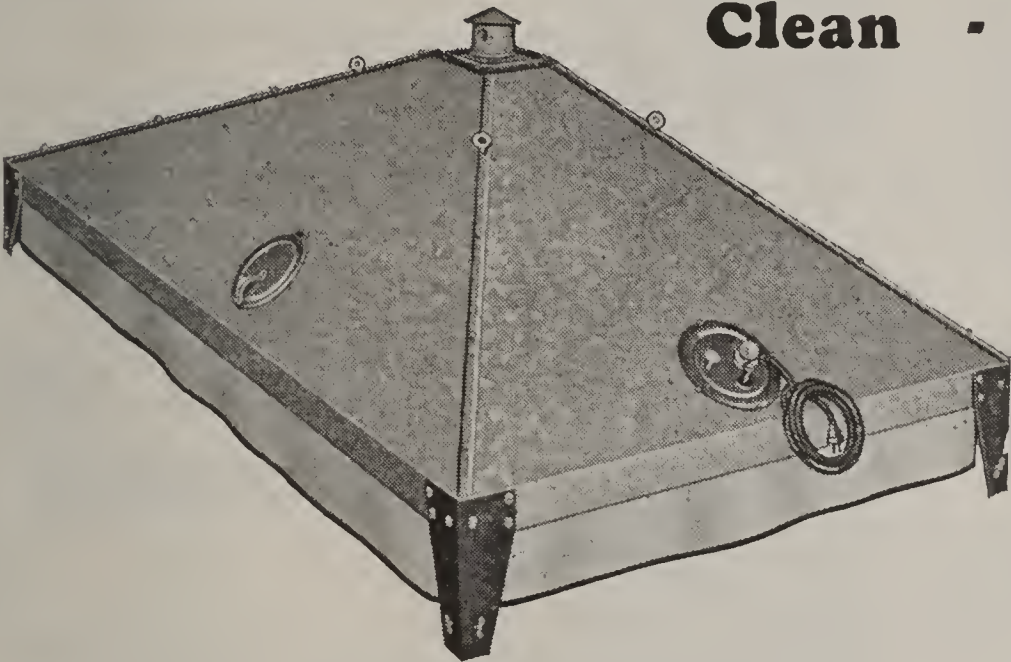
\$12⁹⁵

Natural Gas Brooders

A dependable Hudson brooder that will brood up to 500 chicks. Heat is automatically controlled by regulating the fuel through a carefully machined casting fitted with accurate brass working parts. Positive control is assured by precise double thermostat wafer. Sturdy 54-inch canopy supported by six legs. No. 454 Brooder, weight 35 lbs., \$14.00.



Electrical Brooding is Most Desirable of All Clean - Safe - Convenient



If electricity is available, a Hudson Electric Brooder offers the most satisfactory and economical way of brooding. Scientifically controlled heating and ventilating eliminates all cold and hot spots. Healthier, better feathered birds are the result.

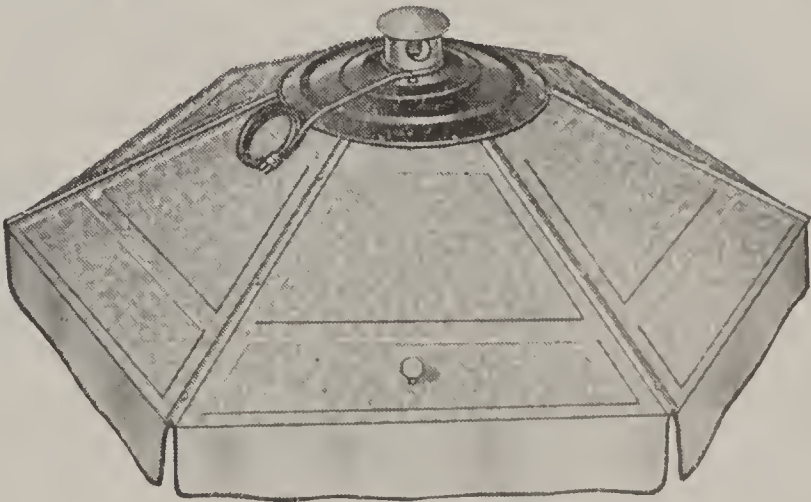
Ability to conserve heat determines the economy of any brooder. The Hudson brooder is lined with 1/2 inch insulation. Metal covering is sprayed with silvery aluminum finish. Insulation is moisture proof—powerfully reflects all heat rays under the brooder. Plenty of room inside brooder for feeders and fountains up to 3-gallon size.

Extra heat is not necessary with this brooder regardless of outside temperature.

Operates only on 105 to 120 alternating current. No. 4262—300 to 400 day-old chicks. Weight 95 lbs. Each \$34.35.

Electrically Heated Hovers for Small Flocks and Late Brooding

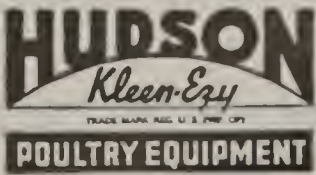
Heavy galvanized steel canopy 47 inches in diameter. Hexagonal shaped for greater rigidity. Aluminum spray coat on underside. Heavy duck curtains confine heat. Heat is supplied by circular bar heating element mounted outside of attraction bulb. Controlled by thermostatic Micro-switch which is non-radio interfering. Can be adjusted to any desired temperature. Use only on circuits of 105 to 120 volt A. C. E47—47-inch canopy, 22 lbs.—200-300 day-old chicks, \$12.25 each F. O. B. Great Falls. E57—57-inch canopy, 30 lbs.—300-500 day-old chicks, each \$13.75 F. O. B. Great Falls.



NOTICE: All Distillate stoves require a 5" pipe. No pipe furnished. Order pipe and elbows extra from this catalogue.

REPAIR PARTS FOR YOUR HUDSON AIR BLAST OIL BROODER			
	No.	Price	P. Paid
Burner Cap for Burner	K7X	\$.25	\$.28
Metal Sediment Bowl	K8B	.10	.13
Sediment Bowl Washer	K10B	.05	.08
Wafer for Thermostat	K29C	.30	.38
Complete Automatic Valve Assembly	K64C	3.00	3.10

Your Chicks are Safe--So is Your Investment



Brooder Accessories and Supplies



SMOKE PIPE FOR COAL AND OIL BURNING BROODERS

Made in 2-foot lengths only.			
Size	Wt.	Black	Galvanized
5 in.	2 lbs.	25c	35c

Add Postage

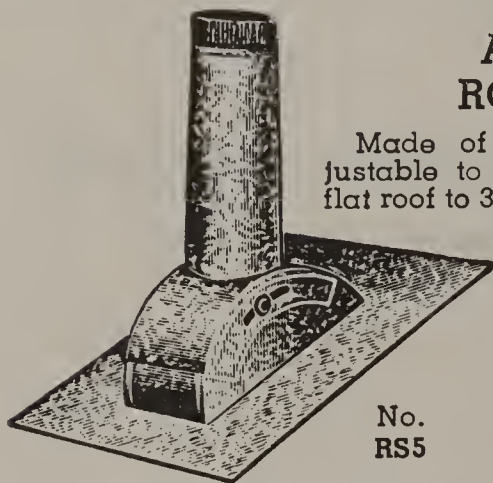
Note: Galvanized pipe will not rust and burn through, therefore is safer than black pipe.

CORRUGATED ELBOWS

Size	Wt.	Price
5 in.	2 lbs.	25c

ADJUSTABLE ROOF SADDLE

Made of galvanized steel and adjustable to any required angle from a flat roof to 30 pitch. Makes a thoroughly waterproof joint with any style of roof or roofing. No tools required and easy to install.



No.	Size	Wt.	Price
RS5	5 in.	5 lbs.	Gt. Falls \$1.40

RED FELT LAMP WICKS

High grade felt wicks. A big improvement over the loose woven cotton wicks. No loose threads to burn unevenly and smoke.



No.	Width	For Burner	Each	Per Dozen
No. 1	5/8	1	\$.03	\$.25
No. 2	7/8	2	.05	.45
No. 3	1 1/2	3	.06	.55

REVOLVING PIPE CAP

Eliminates wind disturbance on any type brooder. For 5-inch pipe. No. RC5, 80c.

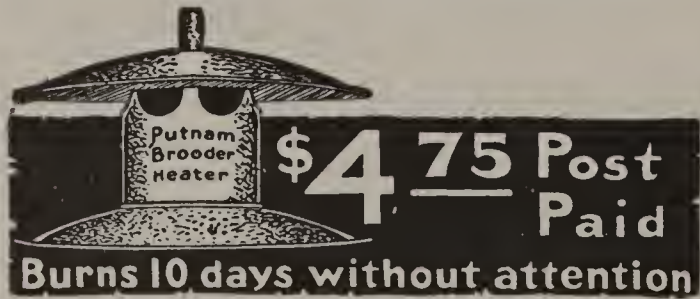


PLAIN PIPE CAP

Does not revolve with the wind but remains set. Always adjust to prevailing current. No. PC5, 5-in. pipe, 45c.



MAKE YOUR OWN BROODER WITH THIS PUTNAM BROODER HEATER



Price each, \$4.75, postpaid

Postpaid prices of part of Putnam Brooder Heater: Top, \$2.50; Tank, \$1.50; Burner, \$1.25; Wick Holder, 20c; Wicks, 40c per doz., postpaid.

BADGER BURNER

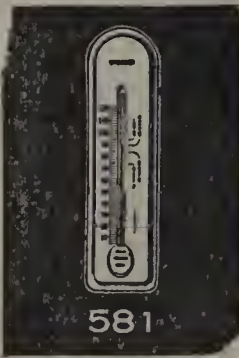


The most satisfactory chimneyless burner ever developed. No. 2 only. Each, 50c; postpaid, 53c.

INCUBATOR THERMOMETERS

No. 125. Genuine Taylor thermometer with black graduations on a white scale. Easy to read. Each, 75c; postpaid, 83c.

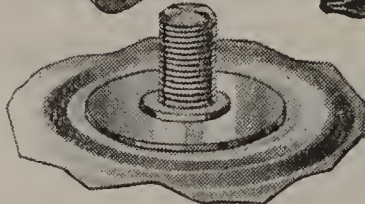
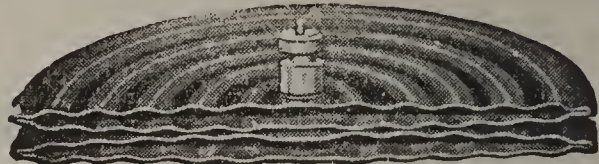
No. 126. Certified by experts makes it doubly sure. Can be used to test other thermometers. Each, \$1.25; postpaid, \$1.32.



BROODER THERMOMETERS

No. 581. A very satisfactory instrument priced low. Has brooding guide on the nicely finished back. Easily read. Each, postpaid, 50c.

We Carry Other Burners and Lamp Bowls in Stock



THERMOSTATS

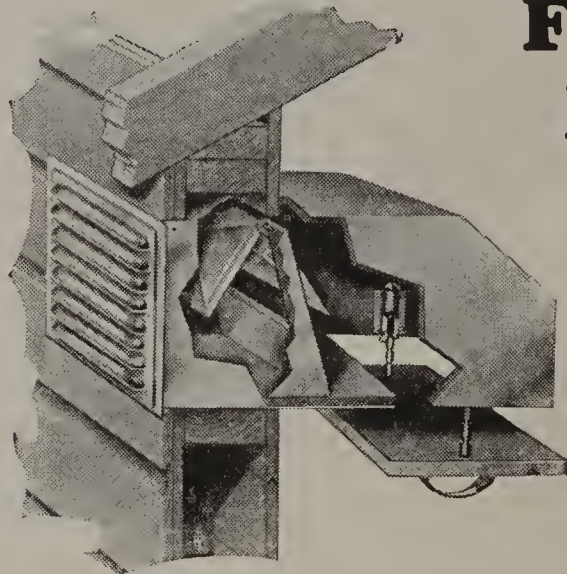
A double wafer that responds instantly to temperature variations. Each wafer is independent of the other. Post reinforced at base. Lower wafer reinforced

at contact point. New sleeve invention permits you to use the same wafer for either oil or coal brooders and all incubators where a 3-inch thermostat can be used. Fits all standard makes. No. 33U, 30c each postpaid.

Fresh Air Intakes

for

BROODERS
AND
LAYING
HOUSES



This scientifically designed intake provides the most satisfactory method of ventilating brooder houses and will help eliminate gaps and other respiratory troubles in baby chicks. One intake will usually take care of the average size brooder house. Balanced aluminum damper acts automatically in either high winds or on still days. Incoming air is diffused into the room by the hand operated baffle damper that may be closed when desired. Made of heavy galvanized steel. No. 401—Intake, weight 18 lbs., \$6.95.

REVOLVING HEAD VENTILATORS

A Hudson quality revolving head ventilator built to give long dependable service. Sturdily built of highest quality galvanized steel sheets and weatherproofed with heavy silver aluminum finish. Head perfectly balanced on ball bearing pivot. Lower bearing is moisture and frost proof. 3/8-inch mesh galvanized screen makes cupola bird proof and is removable if desired. 4-inch roof flange on two sides.

No.	Diam. Flue	Height	Size Base	Shipping Weight	Price
508	8"	24"	10x10	10	\$ 8.00
512	12"	32"	16x16	26	9.25
516	16"	48"	20x20	43	16.95
520	20"	57"	24x24	65	30.00

Capons are proving to be money makers

Sanitary Chick Fountains-Feeders



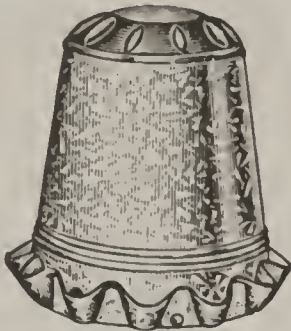
MASON JAR FOUNTAINS

Fits all standard Mason jars. Easy to fill and clean. Price does not include jar.
No. G25. Made of galvanized steel. Each, 10c; 3 for 25c; postpaid, 33c.
No. B25. The drinking dish or saucer is made of heavy, clear glass, easy to keep clean. Ideal for buttermilk, sour milk or medicine. Each, 15c. Weight 1 lb.
No. T25. Made of charcoal tin, will not rust, cannot be broken, and can be used for milk, medicine or water. Each, 13c; 2 for 25c; postpaid, 33c.

LEADER GALLON CHICK FOUNT

Ideal for baby chicks. May be carried when full without spilling. Cupped pan is correct size to prevent chicks getting into the water and provides maximum drinking space.

No. 21; capacity 1 gal.; weight 1½ lbs. Price, 49c.

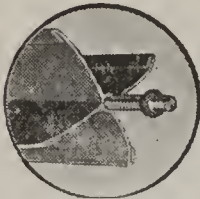


BANNER CHICK FOUNT (2 Gal.)

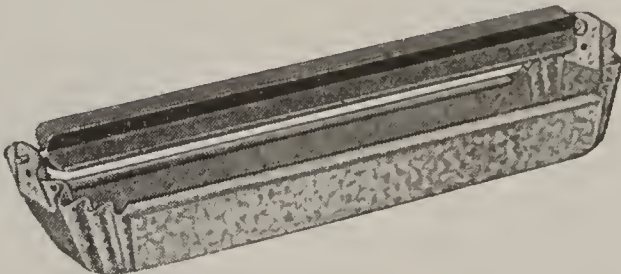
A two-piece bottom fill fount made of heavy galvanized steel. Tank fills easily when inverted because of flat space at top. Ribbed cone prevents roosting. No. O2; capacity 2 gal.; weight 3 lbs. Price, 85c.



"LEADS-ALL" CHICK FEEDER (A Real Value)



End View of Reel



The trough is die stamped in one piece of prime heavy galvanized steel, and can be used for feed or water. The edges are turned in to prevent waste. Fitted with four-blade reel which revolves freely, prevents roosting and keeps chicks out of the trough.

No.	Length	Wt.	Price
218	18 in.	2 lb.	25c
224	24 in.	1½ lb.	30c
236	36 in.	2 lb.	50c

No. 224T. The same construction as our No. 224 but made out of charcoal tin so that it can be used for buttermilk. Each, 50c. Weight 2½ lbs. Add postage.

HANDY FILL CHICK FOUNTAIN

Keeps water fresh and pure. No danger of overflow or splashing when turning as drinking pan snaps over pan edge. The bail is reversible and the top part of the fountain forms a pail for carrying water. No. C2; capacity 2 gal.; weight 4 lbs. Price, \$1.15. No. C3; capacity 3 gal., weight 5 lbs. Price, \$1.35.



DOUBLE WALL CHICK AND BROILER FOUNTAIN

Outer jacket locks at bottom of inter tank. Fountain may be carried by feature inner handle comfortably even when full. Heavy curled pan is cut on bias, making it wade proof and chicks



No.	Size	No. of Chicks	Price	Weight
K2	2 gal.	75	\$1.45	6 lbs.
K3	3 gal.	100	1.85	7 lbs.
K5	5 gal.	150	2.75	10 lbs.

CHICK AND BROILER FEEDER



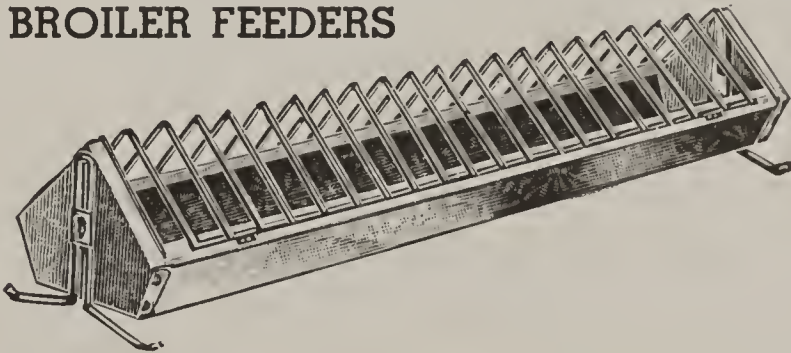
This new feeder with its fully adjustable metal stands and adjustable four-blade balanced reel is designed to take care of chicks from one day old to well

past the broiler age. For small chicks feeder bottom is near the ground and reel is in low position, as chicks grow feeder is raised until maximum height of 2 inches is reached. With the feeder and the reel at top position this is an ideal feeder for broilers.

No.	Length	Wt.	Price
436	36 in.	3 lbs.	70c
448	48 in.	4 lbs.	95c
428T	28 in.	2 lbs.	95c

NOTE—428T is made of charcoal tin and is intended especially for milk and medicated water.

BROILER FEEDERS



Will serve large numbers of chicks from two weeks to finished broilers. Height may be raised as birds grow; 6¼ inch top and 3 inches deep! Hinged grill and full inch wide lips saves feed. Turkey raisers are very enthusiastic about this value feeder for feeding poults. No. 730—30 inches long. Weight 5 lbs., \$1.15. No. 748—48 inches long. Weight 7 lbs., \$1.60.

Chickens require 1 inch of feeder space each. Figure length of feeder on both sides to get the correct size for your flock. Do not attempt to grow good chicks with insufficient feeder space.

BABY TURKEY FEEDER

No. 548. Feeder—Same style and design as No. 436 feeder pictured above but larger and with enough variation in adjustment to take care of chicks from day-old to well past the broiler age. With the feeder and the reel at top position this is a feeder for broilers and turkey poults. Feeder trough 2⅝ inches deep, 4 inches wide at bottom, 4½ inches wide at top with ⅝ inch feed-saving lip. All exposed edges folded or curled. Length 48 inches. No. 548 Feeder. weight 5 lbs. Special, \$1.29.

Practical, Sanitary Feeders and Fountains for Layers and Pullets

DOUBLE WALL FOUNTAINS



Wade proof pans, all brass valve, galvanized steel jacket and inner tank strongly soldered. K2 and K3 with pan to jacket lock carry by handle. K5 has both inside and outside handles. Simple, inexpensive. K5 Fountain, 5 gal.

Just right for 90 hens.

\$2.75

K8—8-gal. \$3.65

VACUUM TYPE Patented

Top filled. Double wall keeps water cool in summer. High dome top with handle that snaps up firmly and prevents roosting. Jacket with handle reversed serves as a filling pail.



AIR GROOVE maintains constant water level in pan. All brass valve, wade proof pan with rust proof glaze. Soundly made, beautifully finished. For growing chicks and grown birds.

No. D3 Fountain—3 gal., weight 8 lbs., \$2.20.

No. D5 Fountain—5 gal., weight 11½ lbs., \$3.25.

No. D8 Fountain—8 gal., weight 16 lbs., \$4.25.

INSULATED FOUNTAIN

Keeps Water Cool in Summer and Warm in Winter



DOUBLE WALL VACUUM TYPE

\$5.25

This specially constructed patented vacuum insulated fountain, individual and thoroughly proved. Automatic in operation. Has Hudson individual features. Furnished in two sizes. No. W3, 3 gal., weight 22 lbs., \$5.35 F. O. B. Great Falls. W6, 6 gal., weight 30 lbs., \$6.25 F. O. B. Great Falls.

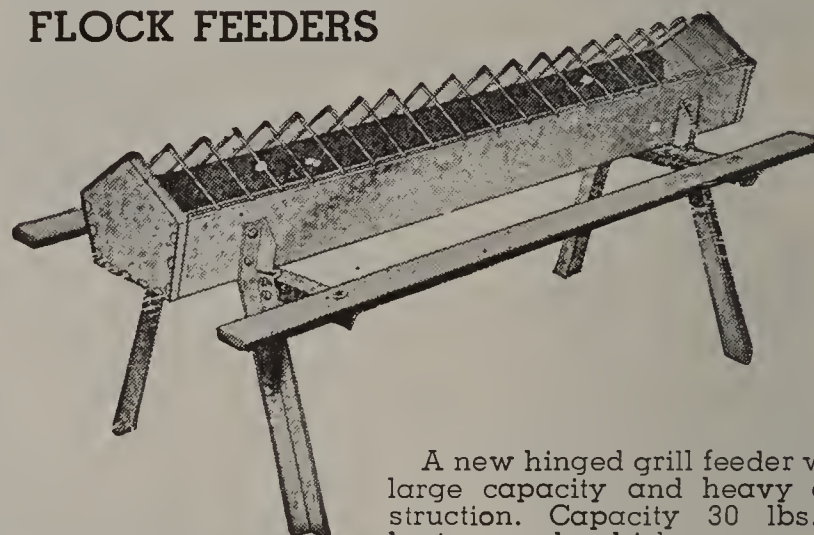
HENS DRINK MORE WATER

If the Chill Is Taken Off It

To insure high egg production, provide water that has the chill removed. This safe and efficient heater maintains a constant temperature all day long—even on the coldest days. 5H bowl holds enough kerosene for 60 hours. Badger safety burner is absolutely reliable. 5H heater fits any fountain with 15½ inch pan, but is especially recommended for Hudson K5 and D5 fountains. Weight 6 lbs. \$2.00 F. O. B. Great Falls. 7H heater for D8 (8 gallon) fountain. Weight 8 lbs. \$3.15 F. O. B. Great Falls.



FLOCK FEEDERS



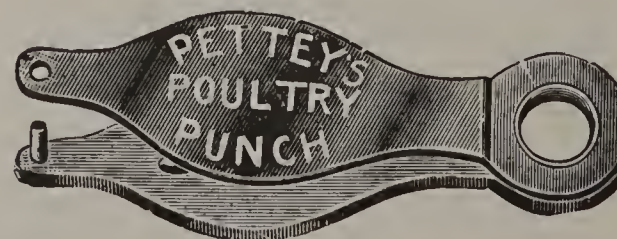
A new hinged grill feeder with large capacity and heavy construction. Capacity 30 lbs. of laying mash which serves up to 50 hens. Steel legs with heavy cross pieces. Perches mite and water proof. Heavy steel grill prevents hens from roosting on top. One-inch lip on hopper prevents waste.

No.	Length	Capacity	Wt.	Price
24S	4 feet	30 lbs.	15 lbs.	\$2.95



25S FEEDER—This hinged grill feeder has larger capacity and heavier construction than is found in others near the same price. 5-ft. trough. Angle iron legs weight 30 lbs., \$3.95 F. O. B. Great Falls.

Tested and Guaranteed Poultry Punches



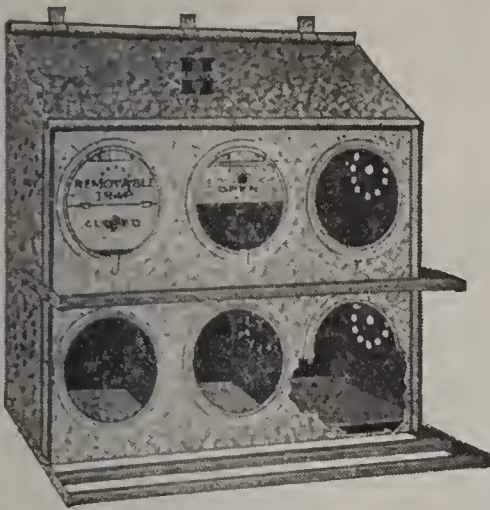
The only safe way to mark baby chicks is by use of the toe punch. No. 38, postpaid, each, 17c.

IDEAL PUNCH

New improved punch, scissors type, cuts clean, does not pinch foot. Price, 37c, postpaid.



Miscellaneous Poultry Equipment



HUDSON ROUND HOLE NESTS

All steel sanitary nests are important in winter egg production. This nest made of heavy galvanized steel, solid metal bottoms. Perches specially treated to prevent mite infestation. Made in four sizes.

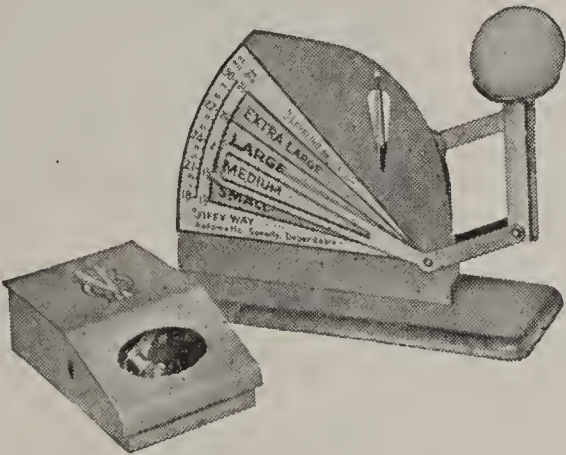
No.	No. of Nests	Wt.	Price
H6	6	40	\$ 7.50
H9	9	59	10.95
H10	10	59	10.95
H15	15	89	16.95

All F. O. B. Great Falls

“Jiffy” Egg Grading Scale

A very practical scale that is easy to read. Approved by the state egg inspectors. Colored zone dial instantly records weight and shows grade such as “Extra Large,” “Large,” “Medium” or “Small.” No. 306. Weight 1½ lbs., \$1.50 each; add postage.

\$1.50



EGG CANDLER

Use regular flashlight batteries. Each complete with batteries, 80c.

Graham & Ross Aluminum Leg Bands



Made with large numbers, easy to read and adjustable to any size fowl.

POSTPAID PRICES

25 bands, 25c; 50 bands, 45c; 100 bands, 75c.

Diamond G Colored Leg Bands

Furnished in cerise, red, blue, yellow and green. State for what breed.

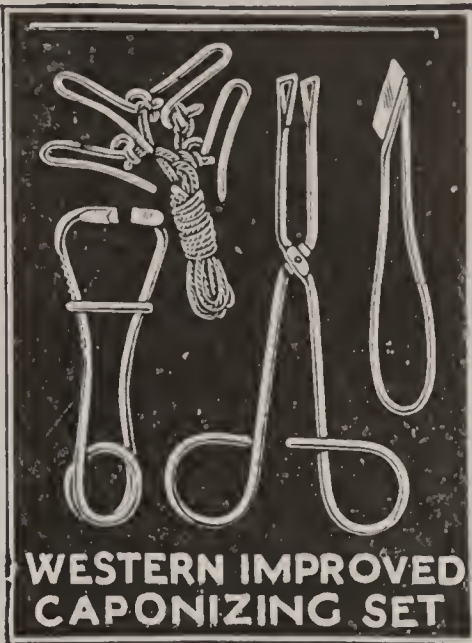
Price postpaid to your station:

50 bands	\$.30
100 bands	.55



BANDETTES

A large numbered band that is easy to put on and stays securely. Leghorn size, 3c each; heavy breeds, 3¼c each; turkey hens, 5c each.



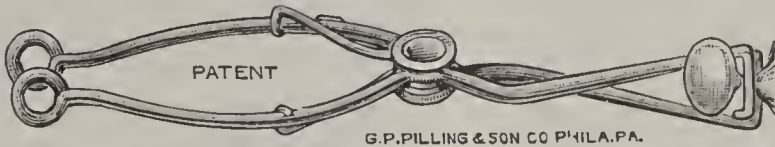
CAPONIZING SET

No. 410—The Western Improved Caponizing Set, a practical and complete set of instruments for caponizing fowl. Consists of: **Cord** and **Hook** attachments to hold the bird securely, **Knife** for making incision, **Spreader** to hold the incision open, **Sharp Hook** to perforate the thin membrane, **Forceps** for removing the organ. All finely finished and nickel plated. Packed complete with instructions for use.

Shipping weight 8 oz.

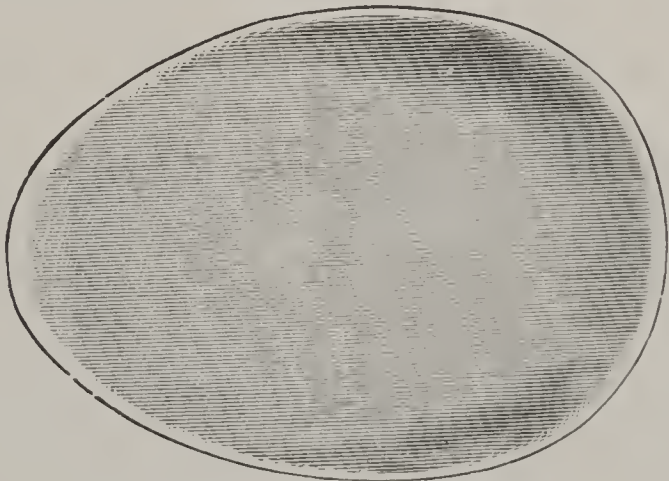
Price per set\$2.95

LANSDOWNE AUTOMATIC TESTICLE REMOVER



G.P. PILLING & SON CO PHILA. PA.

An ideal remover for the beginner and is recommended by the poultry expert for this state. Will absolutely overcome the large percentage of “slips” which the beginner usually experiences. Each, \$1.50, postpaid.

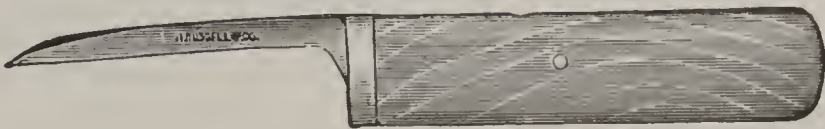


CHINA NEST EGGS

Smooth and of good quality. Each 5c; per doz., 35c. Shipping weight, 1½ lbs. per doz.

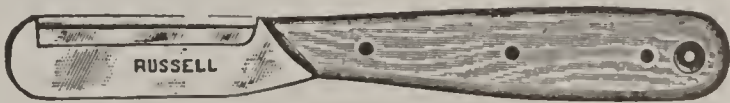
LICE REPELLING NEST EGGS

Sanitary eggs of superior quality. Last for a long period and keeps hens free of lice. Wt. per doz., 3 lbs.; 85c doz. Less than dozen, 10c each.



TURKEY AND POULTRY KILLING KNIFE

The most popular pattern. Correctly built. Used by all large produce houses. Overall length, 7½ inches. Blade 3 inches. Each, 50c.



PINNING KNIFE

A great aid in dressing poultry and turkeys. Hardwood handle. Well riveted. Length 5¾ inches. Blade 2½ inches. Each, 35c.

Miscellaneous Poultry Equipment

WHY LOSE BIRDS

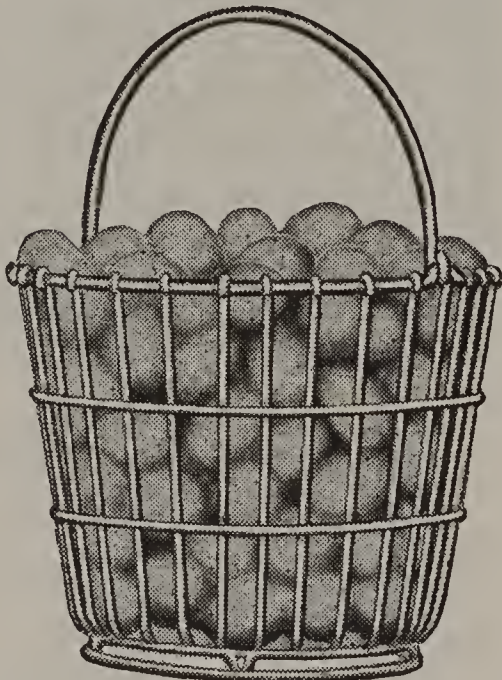
From Picking and Cannibalism



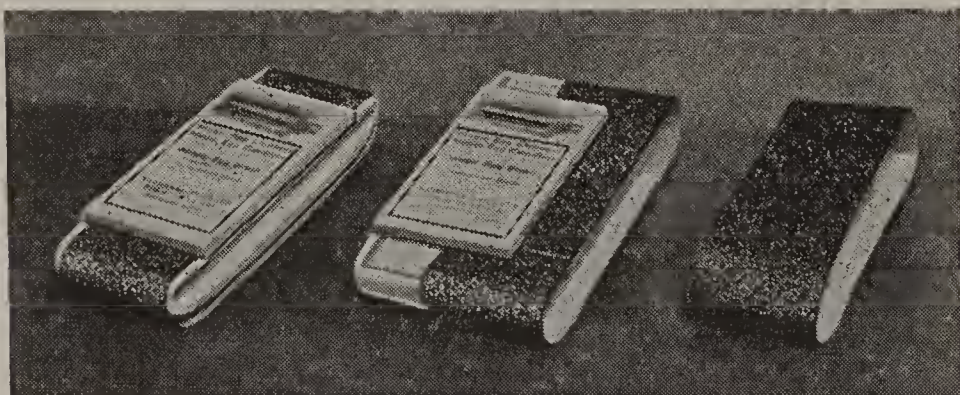
Pikgards offer the only satisfactory means of controlling this costly vice. We have found this the best of all anti-pick devices. Easy to put on. May be used over and over for years. Per 100, \$3.00; less than 100, 3¼c each. Wt. 3 lbs. per 100.

ALL WIRE EGG COOLING BASKET

Allows free circulation of air around all the eggs. Built of heavy, galvanized steel wire electrically welded. Smooth inside to prevent checking or cracking eggs. Prompt cooling is essential to good grades. Height 9½ in.; diameter at top, 14 in.; capacity, 15 doz. large eggs. Wt. 3 lbs. Each, \$1.10.



CLEAN EGGS MEAN BETTER PRICES

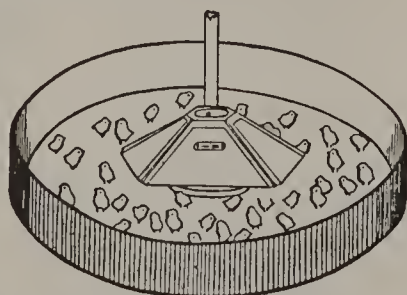


Magic Egg Brushes provide a quick, easy way of cleaning eggs without removing natural shell bloom. Will not injure the hands. Each, 35c; postpaid, 38c. Extra Bands for Magic Egg Brushes. Easily applied. Four, 25c postpaid.

DIAMOND G CORRUGATED BROODER HOUSE GUARDS

Safeguard Your Chicks

Easily erected. Adjustable for any size brood. Prevents drafts on chicks. Eliminates crowding in corners. No. 711, 40 feet by 12 inches, \$1.00 each. 1 per bundle, weight 3 lbs.



**Be Prepared
Order Now**

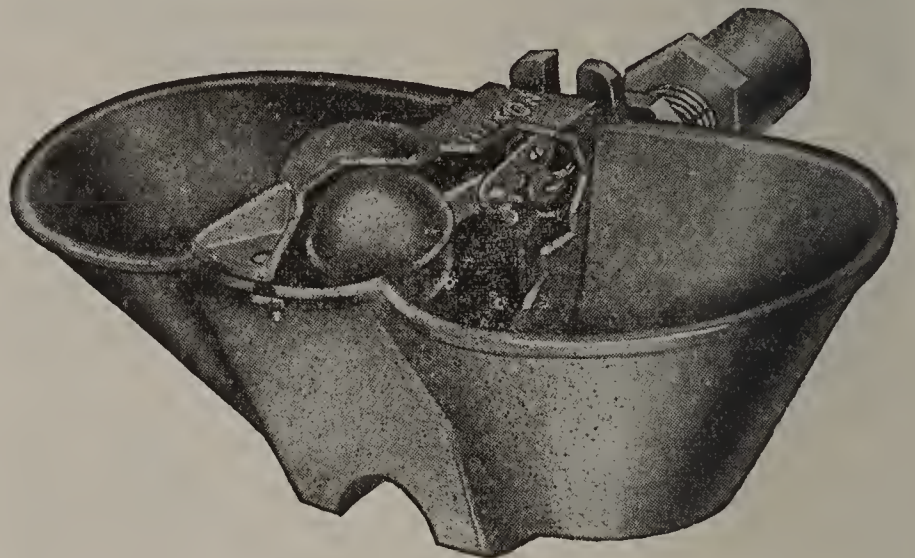
GLASS CLOTH

Thick paraffin coating on both sides, making it double weather proof. Transmits all the effective ultra-violet rays.

Amount	Width	Wt.	Price
1 run. ft.	36 in.	6 oz.	\$.09
30 run. ft.	36 in.	8 lbs.	2.49
45 run. ft.	37 in.	12 lbs.	3.50

AUTOMATIC WATERER

For Turkeys, Chickens or Hogs



Simple adjustment; nothing to get out of order. The Hudson Waterer is made to attach to either steel or wooden barrel or water trough, or may be attached to ¾ inch pipeline by using a special coupling. No. H15X. Wt. 12 lbs., \$3.15 each.



VITAPANE CAN BE USED WHEREVER GLASS IS USED

WEATHERPROOF • SHATTER-PROOF

VITAPANE furnishes excellent insulation. Helps maintain uniform temperature and humidity.

VITAPANE comes in 50-foot rolls, 36 inches wide, packed individual carton.

DON'T CONFUSE

VITAPANE with any other glass substitutes. Vitapane is transparent, flexible, and has a glassy finish. (no gum, wax, or paraffin.) Odorless, greaseless, can be easily cleaned with a damp cloth.



Vitapane, per running foot, 17c; postage, per first 10 feet or fraction, 10c; each additional foot, 1c.

CELOGLASS

Cheaper to use than window glass and gives better results. Wind and rain proof but admits the ultra-violet rays. It's easy to handle—cuts quickly with shears into correct length. It's easy to apply—tacks in place and stays in place.

Width	Weight Per Running Foot	Price Per Running Foot
28 in.	8 oz.	30c
36 in.	9 oz.	38c

We Recommend **Burrell-Dugger Poultry Remedies**

**POULTRY
HELPS**

WHAT TO DO

For Hens That Won't Lay For Roup and Colds
For Chick Diarrhea For Canker

YOUR MONEY BACK IF YOU ARE NOT THOROUGHLY SATISFIED WITH THE RESULTS

DON SUNG

MAKES HENS LAY

Guaranteed—More Eggs or No Pay

This famous tonic gets the eggs, no matter how cold or wet the weather. Easily given in the feed, and very beneficial to all poultry. Instead of feeding loafing hens all winter, you can easily get big egg-yields all through the season when eggs are scarce and high priced. Starts pullets laying early. Helps hens through the moult and starts them laying regularly. Try it under



our guarantee—it must satisfy you in every way, or we will refund your money.

It pays to use Don Sung the year round.

TABLET FORM	POWDERED FORM
50c Size (This is the Trial Guaranteed Size)	3 lbs. \$ 5.00
\$1.00 Size (3 times 50c size)	10 lbs. 10.00
\$5.00 Size (6 times \$1 size)	25 lbs. 20.00
	50 lbs. 35.00

Don Sung is concentrated medicine—no bulk or filler—ready to add to the mash-feed. It has a direct tonic action and doesn't force or hurt the hen in any way. It does its wonderful work by putting the hen in good health, and helping maintain that health.

COSTS NOTHING TO TRY. Every poultry raiser is invited to try Don Sung—at our risk. Separate 15 hens and give them Don Sung for one month. The 50c trial size handles this test. If Don Sung pays you, keep on with it. If you don't think it has paid you, tell us, and back comes your money. No argument to it. Don Sung is guaranteed—try it—at our risk.

TALCIMIZED SODIUM FLUORIDE

(Called "T. S. F.")

KILLS ALL CHICKEN LICE



"I Need T. S. F."

both adults and young, including the young which emerge from the eggs present at the time of treatment."

This sodium fluoride method is also now being endorsed by the leading agricultural colleges of the country. It's wonderful. One application enough!

After you have had an opportunity to see how T. S. F. will kill all poultry lice—you will use nothing else. Give it a trial this season—if you are not completely satisfied, we will promptly refund your money. Made in three sizes:

35c size (treats 50 fowls); 60c size (twice 35c size); special size, \$2.50 (five times 60c size).

Authorities Recommend T. S. F.

Poultry raisers need guess no longer as to the best method of getting rid of poultry lice. The U. S. government gives the answer in Farmers' Bulletin No. 801, as follows:

"In this series of tests, nothing else was found to be as satisfactory as sodium fluoride. This chemical is exceedingly poisonous to all species of chicken lice. It kills

Group-Over



WATCH FOR ROUP!

COLDS AND CANKER

Birds Sneeze, Wheeze, and Choke. Nose Runs, Eyes Swell. Disease spreads rapidly. Act at once!

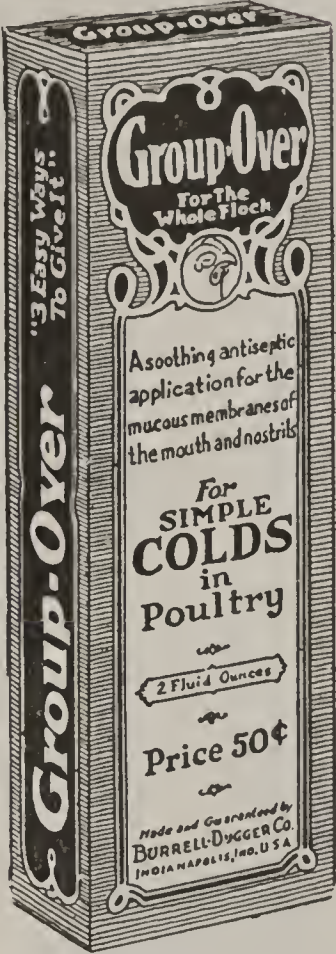
Roup is a germ disease. It is highly contagious and, unless correct treatment is begun at once, can soon kill an entire flock. It usually begins with what is seemingly an ordinary cold. At the very first symptom of trouble, give the whole flock Group-Over.

Group-Over clears the air passages with magic quickness. Gets rid of the mucous and catarrhal discharge. Promptly controls the disease, and exerts an antiseptic, soothing, healing action on the membranes.

Can be used either for individual treatment of severe cases or administered as a vapor to several birds at same time—both ways very effective. Better yet, it can be placed in the drinking water as a preventative for the whole flock.

Regular size bottle (trial guaranteed size) \$0.50
Large size bottle (3 times 50c size) 1.00
Quart size (contains more than 5 times the \$1 size) 3.00

Any size shipped promptly. All charges prepaid.



**For Chick
DIARRHEA**

Don't sit back and say your loss of baby chicks can't be stopped. It can be stopped—easily, quickly, and at almost no expense by using Avicol in the drinking water occasionally. Avicol is a special bowel astringent, and helps the chick withstand infection.

Easy to give. Simply drop an Avicol Tablet in the drinking water. The chickens doctor themselves.

Avicol should be in the very first water the chicks drink. And it costs so little that it will pay you to keep it in the drinking water all the time for all the flock, old and young.

PRICES: Small guaranteed size, 50c; large size (3 times 50c size), \$1.00; special size (6 times \$1.00 size) \$5, prepaid.

THE DR. HESS PRODUCTS

For more than 40 years, the products of Dr. Hess & Clark have been used with success by American farmers. These products are and always have been made with one high purpose in mind—to help produce better livestock and poultry, better beef, pork, milk and eggs. Year after year the Research Farm of Dr. Hess & Clark at Ashland, Ohio, tests and retests them in developing better methods to make market weight animals in fewer days, and to control parasites and diseases. That is why we recommend them to every stockman and poultry raiser.



DR. HESS STOCK TONIC

A conditioner and mineral supplement for horses, cows, steers, sheep and hogs. Aids digestion, promotes elimination. Cows receiving Tonic give 18% to 20% more milk. Feeder cattle that get it show daily gains of $\frac{1}{8}$ pound more per head. Valuable at calving. Conditions horses for spring work.

100-lb. drum, \$10.80; 25-lb. pkg., \$3.30; 15-lb. pkg., \$2.20; 7-lb. pkg., \$1.15; 3-lb. pkg., 55c; $1\frac{1}{2}$ -lb. pkg., 30c. Add postage.

DR. HESS HOG SPECIAL

Mineral supplement and conditioner; boosts hog profits by saving feed and time. Tests extending over many years show that hogs fed Hog Special reach market weight in 15% less time and on 25% less feed. Runty, unthrifty pigs especially need it.

100-lb. drum, \$10.80; 25-lb. pkg., \$3.30; 15-lb. pkg., \$2.20; 7-lb. pkg., \$1.15; 3-lb. pkg., 55c; $1\frac{1}{2}$ -lb. pkg., 30c. Add postage.

DR. HESS POULTRY PAN-A-MIN

Birds fed Pan-a-min regularly laid 19 more eggs per year. Baby chicks fed Pan-a-min grew faster, feathered, matured, and came into laying earlier. Helps shorten moulting period. Costs only 10c per hen per year.

100-lb. drum, \$10.80; 25-lb. pkg., \$3.30; 15-lb. pkg., \$2.20; 7-lb. pkg., \$1.15; 3-lb. pkg., 55c; $1\frac{1}{2}$ -lb. pkg., 30c. Add postage.



DR. HESS DIP AND DISINFECTANT

For all stock dipping—for disinfecting stables, barns, hog pens, poultry houses, and to kill ticks, lice, mites, and other parasites. Standardized—is five times as strong as carbolic acid. Makes milk white emulsion, without streaks, settlings or patches of stain on top. Costs less than cheap inferior products.

Five-gallon can, \$5.00; 1-gallon can, \$1.40; $\frac{1}{2}$ -gallon can, 80c; $\frac{1}{4}$ -

gallon can, 55c; special price in 30 and 50-gallon barrels. F. O. B. Great Falls.

DR. HESS FLY SPRAY

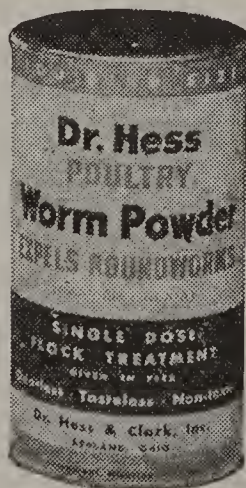
The long lasting fly repellant. Protects horses in harness or saddle, and cows in pasture from fly torment. Kills flies in stables. Has pleasant odor. Will not taint milk nor gum the hair.

Five-gallon can, \$6.50; 1-gallon can, \$1.40; $\frac{1}{2}$ -gallon can, 80c; special price in 30 and 50-gallon barrels. F. O. B. Great Falls.

DR. HESS POULTRY WORM POWDER

A single-dose flock treatment to give in feed. Active principle, nicotine combined with other materials to make it insoluble until it reaches intestines, where its full strength is released. Odorless, tasteless, non-toxic. Does not interfere with egg production or feed consumption.

$2\frac{1}{2}$ -lb. pkg., \$5.40; $1\frac{1}{4}$ -lb. pkg., \$3.00; 10-oz. pkg., \$1.90; 4-oz. pkg., 90c; 2-oz. pkg., 50c. Add postage.



DR. HESS MEDICATED POWDER

A soothing white powder for cuts, scratches, galls and surface wounds. Forms protective coating and wound heals. Used in the home for scalds, burns, galls and chapped skin.

10-oz. can, 50c; 4-oz. can, 25c. Add postage.

DR. HESS POULTRY WORM TABLETS

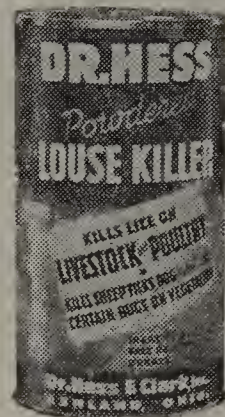
Same material as Powder except compressed into Tablets for individual treatments.

1000-tablet pkg., \$6.50; 500-tablet pkg., \$3.50; 250-tablet pkg., \$2.00; 100-tablet pkg., \$1.00; 40-tablet pkg., 50c. Add postage.

DR. HESS POWDERED LOUSE KILLER

Kills lice on stock and poultry—bugs on cucumber, squash and melon vines, slugs on rose bushes. Kills winter ticks on sheep. When used in the dust bath, poultry will delouse themselves. Convenient—economical. In handy sifter top cans.

6-lb. pkg., \$1.25; $2\frac{1}{2}$ -lb. pkg., 65c; 1-lb. pkg., 30c. Add postage.



DR. HESS LIQUID LOUSE KILLER

(Roost Paint)

To put on perches. Fumes kill lice while birds roost. Economical. Bottles have special spreader to apply just the right amount.

16 oz., \$2.25; 8 oz., \$1.45; 4 oz., 85c; 1 oz., 35c. Add postage.

DR. HESS POULTRY TABLETS

Valuable treatment for roup. Soothing, healing and slightly astringent. Use as a local antiseptic, and to medicate drinking water. Helps prevent spread of disease. When once dissolved, solution needs no stirring.

225-tablet pkg., \$1.00; 100-tablet pkg., 50c; 45-tablet pkg., 25c. Add postage.

DR. HESS CHICK TABLETS

Effective to check diarrheal discharges of both baby chicks and grown birds. A bowel antiseptic to give in drinking water. Solution remains thoroughly medicated until used.

225-tablet pkg., \$1.00; 100-tablet pkg., 50c; 45-tablet pkg., 25c. Add postage.

DR. HESS UDDER OINTMENT

A soothing, penetrating emollient for injured, caked

or swollen udders, cracked or chapped teats. Valuable in the household.

16-oz. can, \$1.00; 7-oz. can, 50c. Add postage.



GRAHAM & ROSS WORMING MASH

So now all you have to do is put a feed of Graham & Ross Worming Mash before your chickens and they are wormed. That's all there is to it—no fuss, no fiddling around catching chickens and trying to dope them with something. And you can take it from us, there is no finer wormer offered than our Egg Mash with Dr. Hess Poultry Worm Powder added.

Graham & Ross Worming Mash is approved and licensed by the Research Farm of Dr. Hess & Clark. 50 bird treatment, 75c, weight 3 lbs.; 100 bird treatment, \$1.25, weight 5 lbs. Add postage.

NOTE: By special arrangement we have secured from Dr. Hess & Clark, Inc., complete feed formulas, which include Tonic, Hog Special and Pan-a-min. These formulas have been tested, approved, and are regularly used on the Dr. Hess & Clark Research Farm. They combine the best feed ingredients with the conditioning properties of the above products to hasten beef and pork growth, and increase egg and milk yields. Ask us to tell you more about these special feeds.

Controls
Round Worms

"GOLD LEAF"
TOBACCO POWDER



"Gold Leaf" Tobacco Powder is especially manufactured for controlling round worms. Simply mix 2 pounds of powder with 100 pounds of dry mash. We guarantee that "Gold Leaf" will retain its nicotine strength when stored in a dry place. Ordinary Tobacco Dust always loses its strength with age. 2 lbs., 39c; 10 lb. pkg., \$1.35; 100 lbs., \$6.50. Add postage.

"Black Leaf 40"



"BLACK LEAF 40" GUARDS POULTRY FROM LICE

Long lasting, easy to apply, very effective. Simply paint on the roost and the entire flock is easily deloused at one time. New "Cap-Brush" method cuts cost as it will now go much farther.

Size	Ship Wt.	Price
1 oz.	½ lb.	\$0.35
5 oz.	1 lb.	1.00
1 lb.	2 lbs.	2.25
2 lbs.	3 lbs.	3.35
5 lbs.	7 lbs.	6.25

Add postage

EGG-O-LATUM FOR PRESERVING EGGS

Egg-o-Latum is colorless, odorless, tasteless and non-poisonous. It protects eggs from air, odors, germs and decay.

Eggs coated with Egg-o-Latum can be boiled, fried, poached or whipped, same as fresh eggs. Avoid dampness. Price per jar, 50c, weight 6 oz.—sufficient for 50 dozen eggs. Large size, \$1.00—for 200 dozen eggs, weight 1 lb. Add postage.

TOXITE DISEASE CONTROL SPRAY

Every farmer and breeder of poultry, livestock, rabbits, foxes, dogs and other animals will find Toxite invaluable for the control and prevention of diseases and parasites.

This powerful germicide kills all disease germs, including coccidiosis and round and tapeworm eggs. Toxite is equally effective and economical for killing lice, red mites, flies, ticks, bedbugs, ants, roaches and other pests. Easy to use. Safe. Inexpensive.



Size	Ship Wt.	Price
Quart	3 lbs.	\$0.60
Gallon	9 lbs.	1.50
5 Gallons	43 lbs.	6.75

Add postage

THE BEST TREATMENT OF DISEASE IS PREVENTION



Ten times stronger than undiluted carbolic acid in destruction of disease germs, but safe. B-K should be in every home.

Size	Ship Wt.	Price
10 oz.	1 lb.	\$0.50
1 qt.	3 lbs.	.90
1 gal.	17 lbs.	2.00
5 gal.	70 lbs.	8.50

Add postage

B-K IN POWDER FORM

9½ oz. Makes 1 gal. liquid	\$0.75
1¾ lbs. Makes 3 gal. liquid	1.50

Add Postage

LEE'S REMEDIES

Add postage unless marked P. Pd.

	Size	Wt.	Price
Lee's Germozone (Liquid).....	12-oz. bot.	2 lbs.	\$0.75
" " "	32-oz. bot.	5 lbs.	1.50
" " "	½-gal. bot.	9 lbs.	2.50
" " "	1-gal. bot.	16 lbs.	4.50
Lee's Gizzard Capsules (Adult Size)	50-cap.pk.	P.Pd.	.75
" " "	100-cap.pk.	P.Pd.	1.35
Lee's Gizzard Capsules (Pullet Size)	50-cap.pk.	P.Pd.	.50
" " "	100-cap.pk.	P.Pd.	1.00
Lee's Gizzard Capsules (Chick Size)	50-cap.pk.	P.Pd.	.40
" " "	100-cap.pk.	P.Pd.	.75
Lee's Pinjectol (For Pin Worms).....	12-oz. bot.	2 lbs.	1.00
Leemulsion (For Bronchitis).....	12-oz. bot.	2 lbs.	1.25
"	32-oz. bot.	5 lbs.	2.25

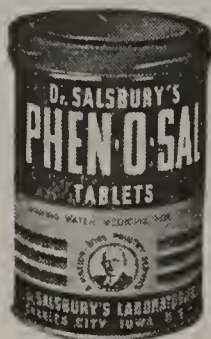
	Size	Wt.	Price
Lee's Vapo-Spray.....	1-qt. can	3 lbs.	.75
" "	½-gal. can	6 lbs.	1.25
Lee's Lice Killer.....	1-qt. can	3 lbs.	.60
" " "	½-gal. can	6 lbs.	.90
" " "	1-gal. can	11 lbs.	1.50
Lee's Louse Powder.....	1-lb. can	1½ lbs.	.30
" " "	2½-lb. can	3 lbs.	.60
Lee's Pickpaste.....	6-oz. jar	2 lbs.	.60
Lee's Dip and Disinfectant.....	1-qt. can	3 lbs.	.60
" " "	½-gal. can	6 lbs.	.90
" " "	1-gal. can	11 lbs.	1.50
" " "	5-gal. can	45 lbs.	5.50

DR. SALSBUURY'S POULTRY MEDICINES

Dr. Salsbury's poultry medicines and biologics are nationally known among leading poultry raisers and are scientifically manufactured in one of the most modern laboratories serving the poultry industry. Dr. Salsbury's Laboratories are internationally known for their scientific research and educational work. Dr. Salsbury's products are made under the supervision of a scientific staff that is second to none in the poultry industry. They are tested at Dr. Salsbury's Research Farm and Laboratories.

Dr. Salsbury's PHEN-O-SAL Tablets

For Baby Chicks, Poult, and Adult Birds



Safeguard the health of your baby chicks and poults by using Dr. Salsbury's Phen-o-Sal Tablets to medicate the drinking water, right from the start. Dr. Salsbury's Phen-O-Sal Tablets are the safe, reliable treatment for bowel troubles, diarrhea, inflammation and intestinal infection for fowls of all ages. Also calves and sheep.

50 tablets	.....\$ .50
125 tablets	..... 1.00
300 tablets	..... 2.00
500 tablets	..... 3.00
1000 tablets	..... 5.50

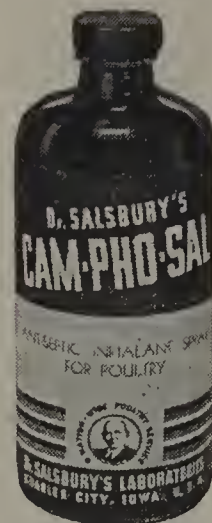
SPRAY REGULARLY WITH

Dr. Salsbury's CAM-PHO-SAL

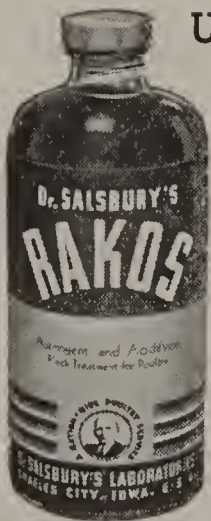
for Colds, Pneumonia, Roup, Bronchitis

Guard against respiratory infections by spraying your chicks and poults regularly with Dr. Salsbury's Cam-Pho-Sal. The antiseptic vapors of Cam-Pho-Sal are inhaled and medicate the entire respiratory tract. Cam-Pho-Sal checks the infection, helps to clear up inflammation, and keeps the respiratory organs functioning normally. Excellent for roup and colds in fowls of all ages.

250 chick size bottle	.....75c
Full flock size bottle	.....\$1.85
500 chick size bottle	.....\$1.10



USE RAKOS FOR COCCIDIOSIS



Watch out for Coccidiosis. Droopy wings, huddling and shivering, loss of appetite, bloody or watery droppings—these are the danger signals that call for prompt treatment with Dr. Salsbury's Rakos, the triple-acidified liquid treatment. Rakos helps check inflammation, checks bleeding, increases appetite and promotes better digestion. Helps to bring the birds quickly out of an outbreak and makes them less apt to become chronic carriers.

1/2 pint for 75 birds	.....\$ .75
1 pint for 150 birds	..... 1.25
1 quart for 300 birds	..... 2.00
1/2 gallon for 600 birds	..... 3.50

Worm Your Pullets and Layers With

Dr. Salsbury's ROTA-CAPS

Get roundworms and tapeworms without setback to your flock by worming with Dr. Salsbury's Rota-Caps. Pullet size for

birds up to 16 weeks of age. Adult size for older birds and turkeys. The only worm cap that contains ROTA-MINE—the new drug compound that gets the worms without loss in egg production or setback to growing flocks. Easy to use yourself. Pullet size—50 caps, 50c; 100 caps, 90c; 300 caps, \$2.50. Adult size—100 caps, \$1.35; 200 caps, \$2.50; 500 caps, \$5.00.

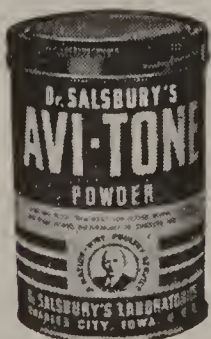


FREE BOOK ON POULTRY DISEASES

Free! A copy of Dr. Salsbury's new 36 page book, "First Aid to Poultry." Tells you what to do for troubles in chickens and turkeys of all ages. Hundreds of illustrations tell what the trouble is. Simple, straightforward directions tell you what to do for it. Sent with your orders or send 6c in stamps to cover postage.

Dr. Salsbury's AVI-TONE

The Ideal Flock Wormer and Tonic



Give your chicks Dr. Salsbury's Avi-Tone in the mash as a tonic to help their digestion and appetite and stimulate growth the first four to six weeks. Then start them on a regular worm control program with Avi-Tone in the mash for five days every month throughout the growing season. You'll have more well-developed pullets and fewer culls. Excellent for turkeys and laying flocks. 3 lbs., \$1.10; 6 lbs., \$2.00; 15 lbs., \$4.75; 25 lbs., \$7.50. F. O. B. Great Falls.

Dr. Salsbury's Bacterins are always dependable, full-strength bacterin that can be used for preventive and curative treatment of chickens and turkeys. Full instructions with each package. Mixed Bacterin (Fowl), for roup and colds and related diseases of chickens and turkeys.

Cholera Typhoid Bacterin for preventive and curative vaccination of poultry for Cholera and Typhoid. Mixed Bacterin (Turkey), special bacterin for common bacterial diseases of turkeys.

60 c.c., 85c; 250 c.c., \$3.00; 500 c.c., \$5.75; 1000 c.c., \$10.00

Dr. Salsbury's BACTERINS



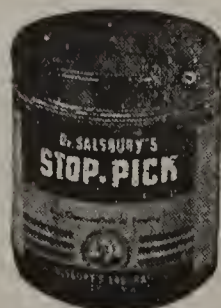
Dr. Salsbury's NIC-SAL

Paint your roosts with Nic-Sal, the new, easy way to kill lice. Easy to apply, effective, economical. 1/2 pint, 75c; pint, \$1.25; quart, \$2.00.

Dr. Salsbury's DIP-SAL—50c Qt.

Keep your brooder house healthful and sanitary with Dr. Salsbury's Dip-Sal, a safe and effective disinfectant. Mixes with water, maintains its strength for a long time. One quart makes five gallons disinfectant.

Quart.....	50c	Gallon.....	\$1.60
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STOP PICK

A preparation that stops toe, vent, and tail picking, also other forms of cannibalism in poultry. 6 oz. jar, 50c.

We are interested in helping you keep your poultry healthy. Please feel free to come to us with your problems.

PETS AND SUPPLIES

METHOD OF SHIPPING: All birds, goldfish and livestock should be shipped by Express. Bowls and bird cages may be sent by Parcel Post but we recommend Express shipments for these articles. Be sure and give both your Post Office and Express Station, if different.

SINGING CANARIES (Males)

LEGAL GUARANTEE

With each bird sold we furnish a legal guarantee which enables the purchaser, if not satisfied with the song of the bird purchased, to exchange it for another.

X-L GOLDEN VOICED SONGSTERS

These birds are imported for us by Max Geisler. They are raised by people who have handed down their secrets of bird training and breeding from generation to generation. Their song is not of the "hit or miss" variety but each bird is carefully trained to carry his song without breaking and chirping. Each, \$7.95 F. O. B. Great Falls.

DOUBLE XX CAVALIERS

The finest singers of all the birds imported each year by Max Geisler. Close personal selection of each of these birds is made so that only those with well modulated, sustained songs are put in this grade. Color usually pure yellow. Each \$8.95.



FEMALE CANARIES

ST. ANDREASBERG ROLLER FEMALES

Selected hens ready to mate. These rollers will produce soft voiced singers. Guaranteed to mate. Each \$3.00.

CHOPPER FEMALES

These females have the same bloodlines as our golden-voiced songsters. Male birds from these females will have a wide variety of songs. Guaranteed to mate. Each, \$3.00 F. O. B. Great Falls.

AMERICAN RAISED FEMALES

Strong, healthy birds will be found satisfactory for mating with ordinary singers. Each, \$1.50, F. O. B. Great Falls.

LOVE BIRDS

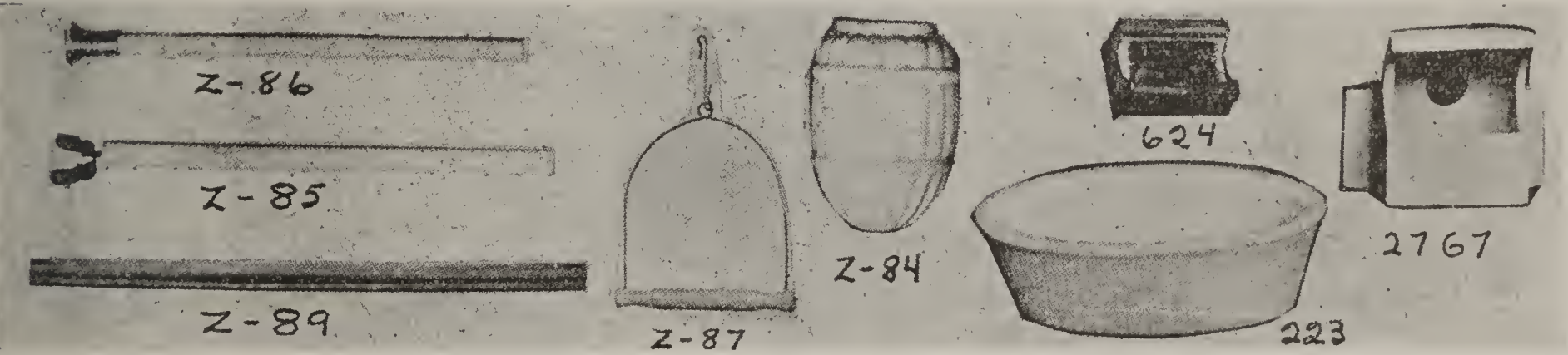
These birds are the most beautiful of all that can be successfully caged. They will mate if placed in a cage about 3 ft. by 2 ft. and a regular parrakeet nest placed in the cage. They can be taught many tricks and will provide hours of amusement. All love birds are in true pairs, young and acclimated.

Green, per pair, \$5.00; Blue, per pair, \$6.00; Extra males at one-half the above prices. Extra females 20 per cent above one-half the pair price.



FINCHES AND OTHER BIRDS

Our connection with the importers makes it possible to furnish Goldfinches, Nightingales and all other suitable cage birds.



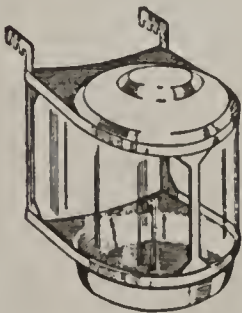
BIRD CAGE ACCESSORIES

Following Prices Are All Postpaid

- No. Z84 Seed Cups, 15c each.
- No. 2767 Square Porcelain Cups, 15c each.
- No. Z81 Treat Cups for feeding song food, etc., 6c each; colored, 8c.

BIRD BATH SPECIAL

The new modern washable bird bath which hangs on the outside of the door. Birds enjoy bathing in them. Unnecessary to take cage apart. May be left on cage during the entire day if desired. Keeps birds from splashing on furniture. Style "D" Bird Bath in Duco finish, 35c each; postpaid, 42c. Can be furnished in Green, Red and Ivory colors.



BIRD CAGE HOOK—For suspending cages against the wall; extra heavy wire, brass plated; 10 inches long. 20c each.

No. 223—OVAL BIRD BATHS—To fit in cages. Made of unbreakable glass, molded in one piece. 25c each.

CANARY PERCHES—Made of seasoned birch. State length desired. Each, 10c.

No. Z89—CEDAR PERCHES—Shaped to fit the birds' feet. Made of red cedar to discourage mites. Each, 10c.

SPRING PERCHES—Z85, 18c; Z86, spiral spring fastens on cage wires, 18c.

CAGE SWINGS—Z83 full circle made of wood, 25c; Z87 will fit all round cages, 11c each; S87, same shape as Z87 but for square cages, 11c each.

BIRD NESTS—Mite proof nests of tinned wire. State whether you wish it to hook or clamp to cage. 18c each.

NESTING MATERIAL—Sterilized goats' hair, white only, 18c.

CAGE SPRINGS to fit any size cage. Each, 13c.

CANARY TRAINING WHISTLE, Z82, 12c.

CAGE COVERS—Sateen covers of heavy material and cut with a flare top to cover the cage completely. Each, 35c.

SEED GUARDS—Prevent seeds and hulls from dropping to the floor. Cretonne guards will fit any round cage. Each, 35c.

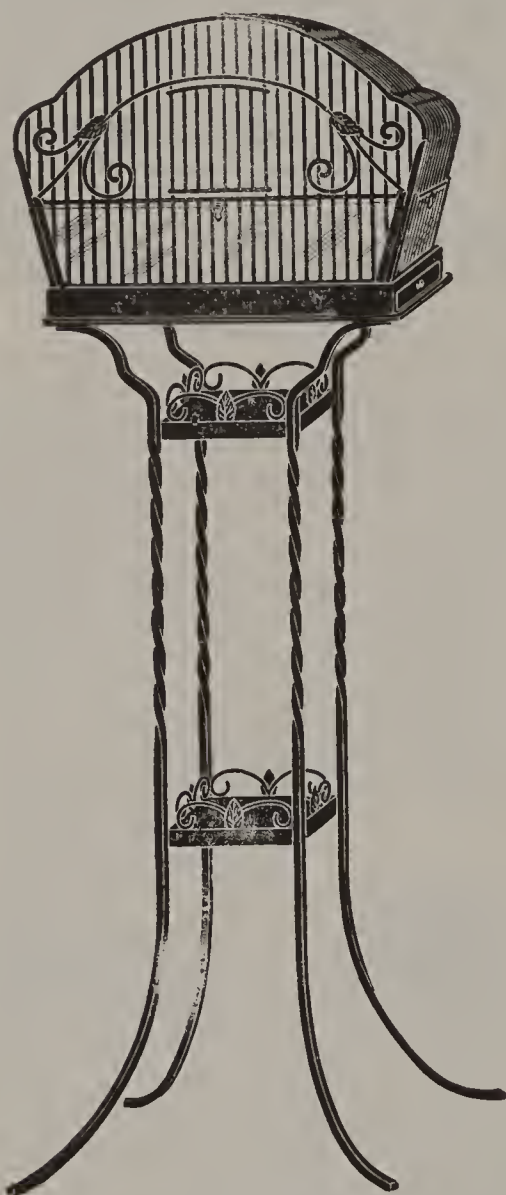
No. 624—PERCH CLEANER—Keeps perch clean and rough enough to prevent sore feet. Each, 35c.

CROWN CAGES for Cottage or Mansion

Made to Harmonize With Modern and Period Design and Interior Decoration

Regardless of price, and the price range is very broad, the CROWN line of Bird Cages is noted for distinctiveness of design.

Even in our lowest priced cages you will find Crown's exclusive features, outstanding designs, and superior construction.



501 CAGE

Baked Enamel Finish in Antique Ivory

Floral wrought iron type cage. Especially designed to harmonize with stand. Adds beauty and distinction to sunrooms, breakfast rooms, etc. Removable drawer and sub-tray. Removable bulb edge glass seed guards. Four compression perches, swing, inside seed cups with canopies. Cage 17¾ inches long, 9¼ inches wide, 13 inches high. Shipping weight, 9 lbs.

502 STAND

Baked Enamel Finish in Antique Ivory

Very substantially constructed. Can be used separately for flowers and general decorative purposes. Has large floor spread. Height of stand, 42 inches. Shipping weight, 19 lbs.

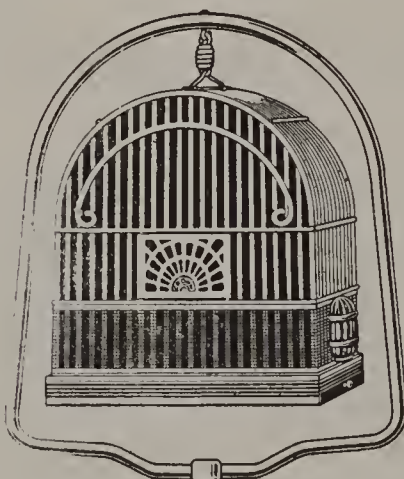
Price of cage or stand separately \$5.55 each. Complete outfit, \$10.95 F. O. B. Great Falls.

A well made modern cage at a feature price, \$1.49.

Baked enamel finish, chrome plated embossed door, black seed guard with bright binding, pull drawer from end of cage and removable subtray. Extra long cage, 14¼ inches long, 9½ inches wide, 15½ inches high. Weight, 7 lbs. Colors: Silver, Chrome Trim; Ivory, Chrome Trim; Green, Chrome Trim.

No. A CAGE—Each, \$1.49 F. O. B. Great Falls.

No. G STAND—Furnished in colors to match No. A cages. Weight, 9 lbs. Each, \$1.49 F. O. B. Great Falls.

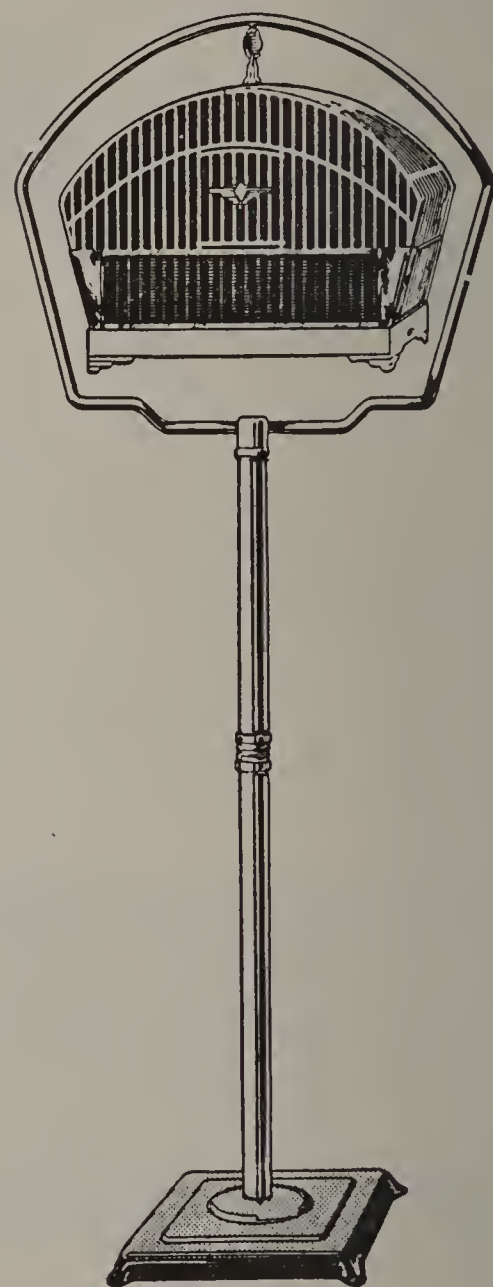
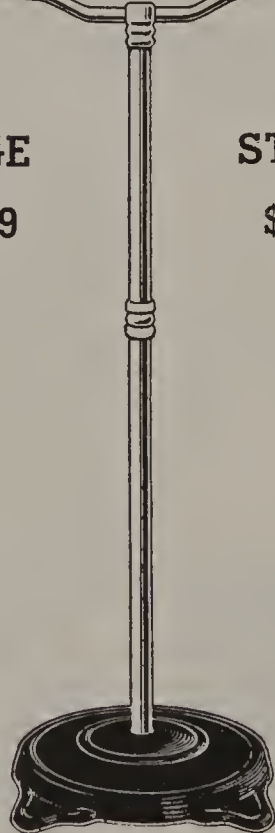


CAGE

\$1.49

STAND

\$1.49



This new design provides a large, roomy cage that is equipped with removable drawer base, removable seed guards, inside cups, 5 perches and swing. Cage 17¾ inches long, 9¼ inches wide and 14 inches high. Suitable for Lovebirds, finches or canaries. Supplied in following finishes:

NO. 509 CAGE—All Chromium. Wt., 9 lbs. Each, \$7.25 F. O. B. Great Falls.

NO. B CAGE—Baked enamel. Choice of green, chrome trim; white, chrome trim. Weight, 9 lbs. Each, \$3.95 F. O. B., Great Falls.

No. 508 STAND—All chrome plated. Weight, 9 lbs. Each, \$3.40 F. O. B. Great Falls.

NO. L STAND—Enamel finish to match Style B Cages. Weight, 11 lbs. Each, \$2.75 F. O. B. Great Falls.

BIRD FOODS, MEDICINES, ETC.

Add Postage to All Following Prices. Weight Following Each Item Is Shipping Weight and Not the Quantity Contained in Package.

Justrite Products

We have sold Justrite bird and pet foods and remedies for many years and have found them to be correct in every detail. FREE WITH YOUR ORDER, Justrite 62-page Bird and Pet Book, covering feeding, diseases, breeding, etc. Ask for it.



JUSTRITE MEL-O-DEE BIRD SEED—This scientific blend contains a special mixture of triple air-washed rare seed including the following: Canary, Sweet Rape, Niger, Gold of Pleasure Seed, Flax, Maw, Teasle, Psyllium, Egg Flakes, Lettuce and Sesame. No waste in feeding. 2 lbs., 25c.

JUSTRITE IMPORTED BIRD SEED—Fresh triple air washed imported canary and rape seed. 1 lb., 20c.

JUSTRITE IMPORTED BIRD SEED— $\frac{1}{2}$ lb., 10c.

JUSTRITE LOVE BIRD SEED—The correct mixture for all Parakeets, Finches and similar cage birds. 1 lb., 15c.



JUSTRITE PARROT FOOD—With Polly crackers. $1\frac{1}{4}$ lb., 25c.

JUSTRITE BIRD BIT-TERS—A stomach tonic and corrective. We have had good success in treating birds with this medicine in our store. 4 oz., 25c.

JUSTRITE IRON TONIC—A wonderful tonic for canaries and cage birds suffering from weakness, wasting and loss of appetite. 4 oz., 25c.

JUSTRITE BIRD GRAVEL—Silver gravel, carefully washed, cleaned and screened to the proper size. Be sure to supply fresh gravel each day. 2 lbs., 10c.

JUSTRITE BIRD TONIC—Gives immediate relief to birds suffering from hoarseness, bleeding bowels, egg bound and loss of appetite. Medicine dropper supplied. 4 oz., 25c.

JUSTRITE BIRD JELLY—Gives instant relief to birds suffering from asthma, colds, or having difficulty in breathing. 2 oz., 25c.



JUSTRITE HONEY ROLL—A food and treat for canaries. Trims bill, affords exercise and amusement. 2 oz., 10c.



JUSTRITE FEATHER PULLING REMEDY—A valuable aid in stopping parrots and canaries from pulling feathers. 3 oz., 25c.



JUSTRITE BIRD SALVE—Gives immediate relief to sore feet, sore legs and scaly legs. 1 oz., 15c.

JUSTRITE SONG RESTORER—Will aid canary in regaining lost song due to excessive moulting, colds or hoarseness. 4 oz., 20c; $1\frac{1}{2}$ oz., 10c.

JUSTRITE CUTTLE BONE— $4\frac{1}{2}$ to 5 inches long with holder for fastening to cage. Be sure your bird has fresh cuttle bone regularly. 2 oz., 10c.



JUSTRITE JUNIOR CUTTLE BONE—3 to $4\frac{1}{2}$ inches long with fasteners. 2 oz., 5c.



JUSTRITE VITAMIN HEALTH FOOD—Contains cod liver oil and highly recommended for feeding to mating birds, young birds, and as an addition to the regular diet to keep singers and females in tip-top condition. 4 oz., 20c; $1\frac{1}{2}$ oz., 10c.

MOULTING FOOD—Guaranteed to aid birds in getting over moult, either in or out of season. 4 oz., 20c; $1\frac{1}{2}$ oz., 10c.

EGG AND NESTING FOOD—A very wholesome and highly nourishing food that will help keep birds in perfect health, plumage and song. Necessary for the mother and young birds. Feed either plain or mixed with hard boiled egg. 4 oz., 15c.

COLOR AND PEPPER FOOD—Feed with moulting food to bring out the deep yellow color so much desired by bird fanciers. 4 oz., 20c; $1\frac{1}{2}$ oz., 10c.

VITA-EGG BISCUIT—Made of fresh eggs and other pure, healthful, nourishing ingredients. Easily digested. 4 oz., 20c.

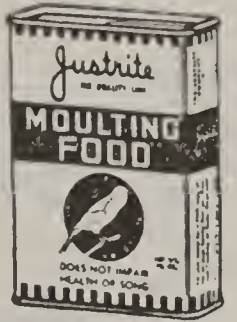
JUSTRITE FLAKED BIRD CHARCOAL—Aids birds' digestion. Use three times a week. 2 oz., 10c.

JUSTRITE CRUSHED OYSTER SHELL—An absolute necessity for females during the mating season. 2 oz., 10c.

JUSTRITE GRAVEL PAPER—Supplies gravel and eliminates possibility of scattering on the floor; three sizes, 10, 11 and 12-inch circle, packed 18 sheets to a carton. Per carton, 25c. Weight, 2 lbs.

JUSTRITE BIRD WASH—To be added to bath water. Cleanses skin and feathers. Healing and soothing qualities for sores and lice bites. 4 oz., 15c.

JUSTRITE LICE POWDER—Metal shaker top can, full strength but harmless to birds. 2 oz., 10c.



Max Geisler's Foods

GEISLER'S SOND AND HEALTH FOOD—A natural song food and song restorer containing 17 different foods similar to what canaries would eat in their natural free state. 4 oz., 25c.

GEISLER'S PURE EGG BISCUIT—Contains 80 per cent light baked eggs. Supplies minerals and vitamins. 3 oz., 25c.

GEISLER'S MOULT AND COLOR FOOD—For birds shedding feathers in or out of season. 4 oz., 15c.

GEISLER'S GRAVEL—A health grit that aids digestion and keeps down vermin, 20c. Shipping weight, 3 lbs. Add postage.

GEISLER'S PARROT BISCUIT—To keep young and old parrots in good health and plumage. 1 lb., 25c.

GEISLER'S CAGE CARPET—Cedarized. Makes cleaning easy and protects tray; 20 sheets per package; 10 inches round; 11 inches round; 9x12 oblong. 4 oz., 10c.

GEISLER'S VITAMIN FOOD WITH COD LIVER OIL—A conditioning and strengthening food. 5 oz., 25c.

GEISLER'S NESTING FOOD—With cod liver oil. 5 oz., 25c.

GEISLER'S DIARRHEA FOOD—Tightens birds' droppings. 2 oz., 25c.

GEISLER'S FIRST AID TONIC—To be used at first sign of sickness. Prevents disease spreading. 6 oz., 30c.

GEISLER'S SONG TONIC—Song restorer and stimulator. Also relieves asthma. 6 oz., 30c.

GEISLER'S DIGESTIVE TONIC—For all bowel ailments. 6 oz., 30c.

GEISLER'S COLD TONIC—Gives quick relief. 6 oz., 30c.

GEISLER'S INHALANT—A new method for relieving asthma and colds. 3 oz., 30c.

GEISLER'S BARE SPOT OINTMENT—For bald heads and bare spots. 2 oz., 15c.

GEISLER'S BLOOD PURIFIER—Should be used in drinking water to overcome moulting out of season, pulling feathers and baldness. 5 oz., 30c.

GEISLER'S ATOMIZER—For birds that won't bathe. Fits "Bird Wash" bottle. Makes spraying bird easy. 2 oz., 15c.

GEISLER'S BIRD WASH—Brightens plumage and prevents vermin and feather chewing. 4 oz., 25c.

"X-L" SPECIAL FORMULA BIRD SEED

A selected ration of sweet German Rape, imported canary, niger, bird lettuce, flax and other seeds relished by the birds and necessary for their good health. We compounded this seed originally for our own golden-voiced songsters and because of the splendid condition that it kept them in, it soon became our fastest selling seed. To save money buy it in bulk in larger quantities. If you do not use bulk seed quickly, put it in tightly sealed Mason jar and it will remain fresh for a long period of time. 20c lb.; 6 lbs., \$1.00; 10 lbs., \$1.60. Add postage.

BULK LOVE BIRD SEED—Specially formulated for parakeets and finches. This seed can be economically purchased in bulk at 20c lb.; 2 lbs., 35c; 6 lbs., \$1.00. Add postage.

X-L SPECIAL SUNFLOWER SEED FOR PARROTS

Extra large seeds carefully cleaned and selected for the plump meats. We guarantee that these seeds are not weevil infested or meats damaged by weevil. 20c per lb., 2 lbs., 37c; 6 lbs., \$1.00; add postage.

PULVEX BIRD LICE DESTROYER—In handy dusting bel-lows, this powder actually kills mites and lice. 2 oz., 35c.

REGULAR SIZE PARROT SEED—Regular size sunflower. 2 lbs., 25c; 10 lbs., \$1.10. Add postage.

SPRATT'S ROLLER CANARY SEED—Pkg., 25c, 1 lb.. Add postage.

SPRATT'S SONG RESTORER—25c, 4 oz.

SPRATT'S SING-SONG. A manna food to be clipped to the cage. 2 for 25c, 4 oz.

SPRATT'S MOULTING FOOD—9 oz., 25c.



SPRATT'S COD LIVER OIL NESTING FOOD—One of the most popular foods for this purpose. 4 oz. pkg., 15c; 9 oz. pkg., 30c; 5 lb. bag, \$1.50. Add postage.

DOG FOODS AND SUPPLIES

SPRATT'S QUALITY DOG FOODS

By buying in bulk you are sure of fresh biscuits at the lowest price

SPRATT'S OVALS—A small crunchy biscuit for all breeds.

SPRATT'S FIBO—A complete food in granulated form.

SPRATT'S SPIX—Bone shaped, a complete food.

SPRATT'S CHARCOAL OVALS—Cleans the teeth. Aids digestion.

All above listed foods 3 lbs., 50c. Add postage.

SPRATT'S PEPSINATED DOG MEAL—For puppies and adult dogs whose digestive system is too weak to assimilate regular foods. Per can, 45c. Shipping wt. 1 lb. Add postage.

SPRATT'S PUPPILAC—A valuable food for puppies when the dam cannot nurse them. 1 lb., 60c. Add postage.

SPRATT'S WORM TABLETS—Worm your puppy at 6 or 8 weeks of age and continue at least once every 3 months. State whether for puppy or old dog. 50c, 4 oz.

SPRATT'S SPECIAL TABLETS—A wonderful help in checking distemper. Have a box on hand so you can nip the trouble in the bud. State whether for puppy or old dog. Price, \$1.00.

NORTH STAR KIBBLED DOG FOOD

Made by the manufacturers of Champion Dog Food. Very popular for feeding dry or mixed with milk, gravy, etc. Made of 12 selected ingredients that are baked and then kibbled. 5 lb. bag, 50c. Add postage.

PURINA DOG FOOD

A concentrated, complete ration. 1 lb. equal to 3 lbs. fresh meat. Either puppy or adult size. 5 lbs., 55c; 25 lbs., \$2.25; 100 lbs., \$8.00, F.O.B. Great Falls.

FRISKIES

A very popular food for all breeds. 5 lbs., 59c; add postage.

PARD DOG FOOD

Cooked beef, cereals and vegetables made by Swift & Company. 1 lb. can, 8c; case, 48 cans, \$3.80. Add postage.



RED HEART DOG FOOD

In three distinct food flavors.

Vary the diet by feeding in rotation: Diet A contains meat food product, cooked cereals, beef, soy bean meal and cod liver oil.

Diet B contains meat food product, cooked cereals, soy bean meal, cured fish and cod liver oil.

Diet C contains meat food product, cooked cereals, soy bean meal, cheese and cod liver oil.

Each is a good wholesome diet, basically the same.

Per 1 lb. can, 10c; case, 48 cans, \$4.50. Add postage.

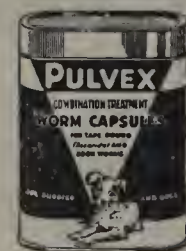


STOPS MALE DOG AN-NOYANCE—Keeps male dogs away when females are in season. Per bottle, 55c. Many of our customers have used Trix for several seasons and indorse it very highly.

PULVEX WORM CAPSULES—The only worm medicine that will remove tape worms, round worms and hook worms with one treatment. Sold on a money back guarantee. State whether for puppy or old dog. 50c, 2 oz.



PULVEX FLEA POWDER—The only powder that actually kills the fleas and mites on dogs and cats. May be applied to "one spot" for killing fleas. Can. 50c, 4 oz.

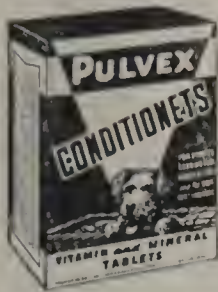


PULVEX DOG SOAP—A better grade soap that is guaranteed to kill fleas and lice. Can, 50c, 4 oz.



SPRATT'S SHAMPOO—A liquid deodorizing soap that is effective and economical. 35c, 6 oz.

PULVEX DRY CLEANER—A deodorizing disinfectant and cleaning powder to be used on cats, puppies or dogs instead of bathing them. 1 lb., 50c.



JUSTRITE DOG SOAP—Per cake, 10c, 3 oz.

JUSTRITE FLEA POWDER—20c, 4 oz.; 2 oz., 10c.

PULVEX CONDITIONERS—A valuable regulator and tonic for rundown dogs; use as soon as a dog becomes sluggish. 50c, 4 oz. Add postage.

HUNTER'S OINTMENT

Hunter's Ointment. A very effective salve to be used in all skin troubles. Per jar, 50c; postpaid, 55c.

HUNTER'S DOG TABLETS

A most effective conditioner and the best medicine we have found for skin disorders, shedding, itching, etc. Trial package, 25c postpaid. Large size, \$1.00 postpaid.

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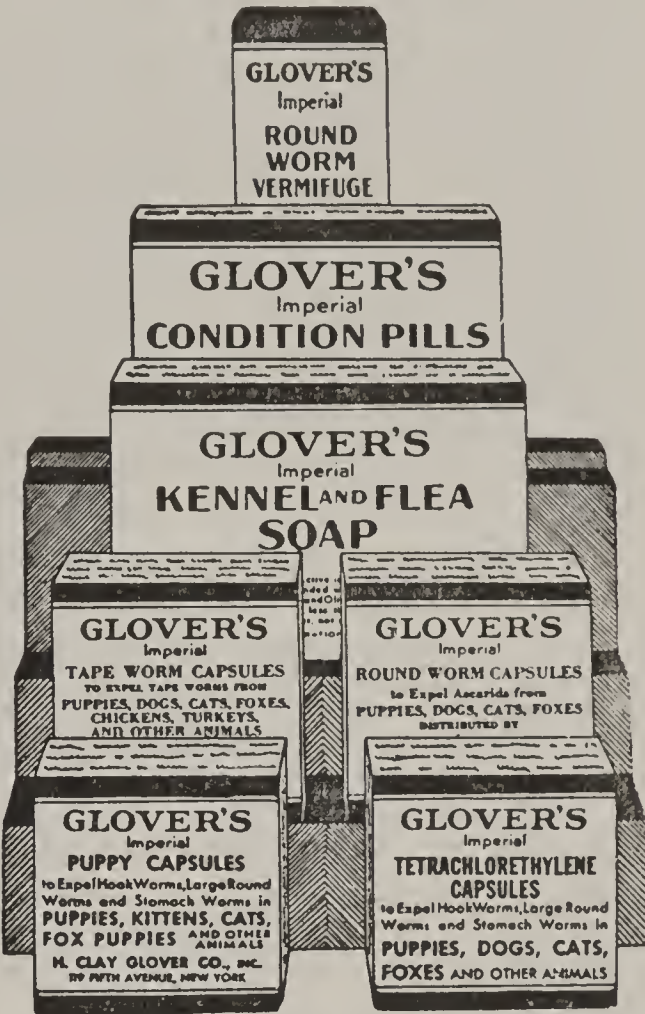
A sweet treat that is beneficial for your dog as it contains all vitamins. Does not contain sugar. Trial package, 14c; large package, 31c, postpaid.

GLOVER'S IMPERIAL DOG MEDICINES

Glover's name has stood for dependability for more than 60 years. Glover's Animal Preparations have attained their success because they are compounded with the utmost care and skill known to science. When you use Glover's, you get the maximum in quality and in results.

Round Worm Vermifuge, for dogs and cats	60c
Round Worm Capsules, for dogs and foxes	60c
Puppy Capsules	60c
Tape Worm Capsules, for dogs and cats.....	60c
Tetrachlorethylene Capsules, for worms.....	60c
Condition Pills, stimulant tonic	60c
Iron Tonic, appetizer, general stimulant.....	60c
Digestive Pills, stimulate digestion	60c
Laxative Pills, for constipation	60c
Diarrhea Mixture	60c
Compound Sulphur Tablets, act on kidneys	60c
Nerve Sedative, for fits and convulsions	60c
Expectorant Mixture, to loosen the cough	60c
Fever Reducer, for colds, etc.	\$1
Cod Liver Oil Concentrate Tablets	60c
Mange Medicine, sarcoptic, antiseptic	75c
Kennel and Flea Soap	25c
Medicated Soap, a cleansing soap	30c
Disinfectant	25c
Flea and Insect Powder	35c
Canker Wash, for the ears of dogs and cats	60c
Eye Lotion and Eye Wash Powder	60c
Crystal Antiseptic Linament, for stiffness and sprains	60c

Postage on above, 5c each



DOG COMBS AND BRUSHES

FLEXTIFF BRUSHES

Frequent brushing with a Flextiff brush will keep the coat free of dead hair and help prevent skin diseases such as eczema and mange. Promotes growth of new hair and gives a natural gloss. No. 1B for short haired dogs, 60c. Weight 8 oz.



DOG NAIL CLIPPERS
\$2.00 Postpaid

DOG BOOTS

Rubberized dog boots that fit snugly. Indispensable when it rains or snows. Keeps dog's feet dry. Prevents soiling auto upholstery, carpets and furnishings. Be sure and state kind and size of dog for proper fit. Per set of four, \$1.10 postpaid.



No. 1D—STRAP STYLE for long haired dogs and kittens, 60c. Shipping weight 8 oz.

No. 3B—HANDLE STYLE convenient for small short haired dogs. 49c. Wt. 6 oz.

No. 3D—HANDLE STYLE for long haired dogs, 49c. Weight 6 oz.

No. 579—A handle style brush with wire bristles set in an air cushion. 35c. Weight 4 oz.

Z14—STEEL COMBS—Polished, plated, 6¼ inches long; 1½ in. wide. 55c postpaid.

25548—HEAVY BRASS COMB—Wooden handle. 60c each. Shipping weight 8 oz.

STRIPPING COMBS—For grooming Wire Hairs, Scotties, etc., \$1.

BLADES FOR DUPLEX STRIPPING COMB—50c.

ALUMINUM DOG COMBS—35c postpaid.

SLICKER BRUSHES—A good wire brush for removing dead hair from any dog except those with extremely short hair. 95c. Shipping weight 4 oz.

DOG BEDS

Woven bamboo beds. Heavy veneer board bottom. Cushions filled with kapok with cedar aroma to prevent vermin. 23 inches. \$2.95. Shipping weight 15 lbs.
Basket style dog beds. Woven rattan veneer board. High back. 25 inches. \$4.69.

DOG MUZZLES

Leather basket muzzles prevent dog from eating and biting. Fit comfortably and permits free breathing. 8 oz., 50c.
Heavy leather muzzles for collies and police dogs. \$1.75.
Be sure to give length of dog's nose and size of neck.

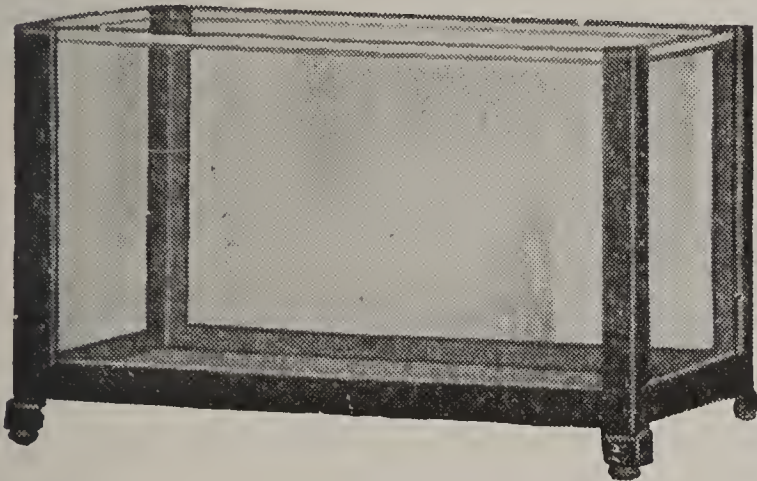
Fish Bowls

HAND TURNED FISH BOWLS

NOTE—To all prices quoted on fish bowls, add 20c to cover packing charges. We do not guarantee against breakage in shipment and if sent by parcel post advise that you include 5c additional to cover insurance charges.

Squat Globe Bowls—(Clear Glass)		
Capacity	Shipping Wt.	Price
1/2 gallon	3 lbs.	\$0.25
1 gallon	4 lbs.	.65
2 gallon	6 lbs.	1.25
Drum Shaped Bowls—(Clear Glass)		
Capacity	Shipping Wt.	Price
2 gallon	4 lbs.	\$0.65
	6 lbs.	1.25
Round Bowls:		
Capacity	Shipping Wt.	Price
1 quart	2 lbs.	\$0.15
1 gallon	4 lbs.	.65
2 gallon	6 lbs.	1.25

BULB EDGE AQUARIUMS



A beautiful aquarium. Heavy plate glass, with the new popular bulb finish on top edges. Steel frame across top is eliminated.

Capacity	Shipping Wt.	Price
2 gallon	7 lbs.	\$2.45
5 gallon	16 lbs.	4.50

F. O. B. Great Falls

STEEL FRAME AQUARIUMS

The best home for your fish; easily decorated; more substantial, roomy and comfortable for gold or tropical fish.

Capacity	Shipping Wt.	Price
2 gallon	4 lbs.	\$1.55
5 gallon	10 lbs.	3.20
7 gallon	15 lbs.	3.90

F. O. B. Great Falls

FISH FOODS

NOTE—We recommend that fish be allowed a change of diet, usually two or more kinds of food.

- WAFER FOOD—10c. Weight 4 oz.
- BULK FISH FOOD—Spratt's aquarium food may be purchased in bulk. Per 1/4 lb., 35c. Add postage.
- FUNGUS REMEDY—Prevents fish dying from fungus. 25c. 4 oz. Add postage.
- SPRATT'S AQUARIUM FOOD—Per tin, 10c. 3 oz.
- JUSTRITE NATURAL FISH FOOD—10c. 1 oz.
- HEGER'S NATURAL FISH FOOD—15c. 3 oz.
- JUSTRITE TROPICAL FISH FOOD. Medium or coarse. 15c.
- SILVER TROPICAL FISH FOOD—Fine or medium. Small pkg., 15c, weight 2 oz.; 4 oz. jar., 25c; large size jar, 50c. Shipping weight 8 oz. Add postage.
- TURTLE FOOD—Containing ant eggs, 10c per pkg., 2 oz. Add postage.
- ZENCO TURTLE FOOD—15c package. Weight 3 oz.

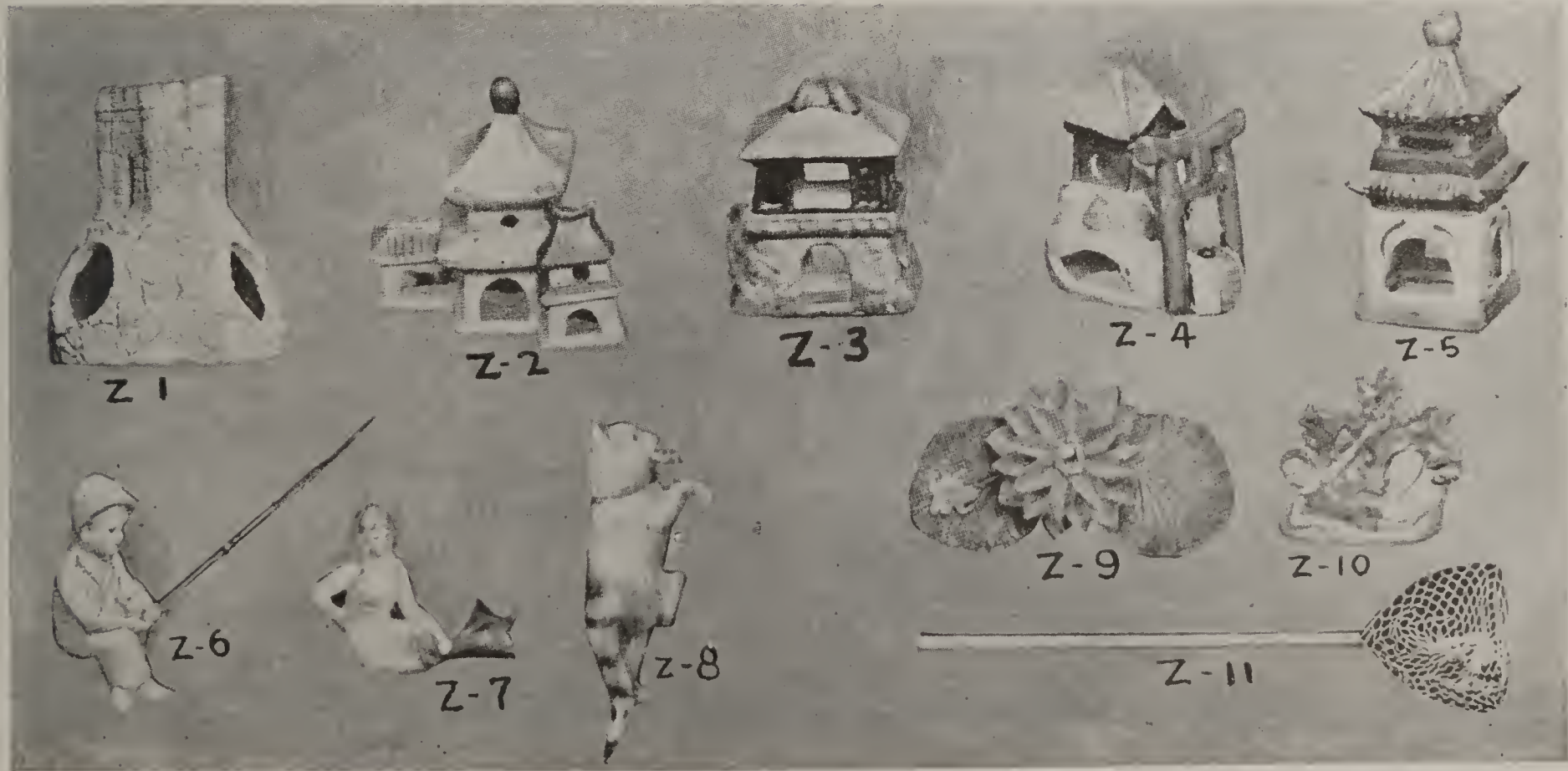
WATER PLANTS

Necessary in fish bowls and aquariums to supply oxygen and natural food for fish. They improve the appearance of your bowl. Six plants, 25c, pcsipaid.

- AQUARIUM GRAVEL—Pure white. 2 lb. box, 15c. Add postage.
- MEDICATED FISH BALL—A fine new aquarium Conditioner that dissolves Aquarium impurities. An excellent tonic for well or sick fish; neutralizes minerals in water. Price each, 12c, postpaid.
- AQUARIUM CEMENT—Prepared and ready to use. 35c. Shipping weight 2 lbs.

Castles and Ornaments

- DYED CHIPS—Dyed with bright non-fading colors. Beautiful decorations for fish bowls, narcissus bowls, etc. 15c per pound. Add postage.
- Z-1—Baked clay castle, 5 in. high. 15c. 8 oz.
- Z-9—FLOATING WATER LILIES. An attractive ornament. 15c. 3 oz.
- Z-10—A CLEVER ORNAMENT about 3 inches high. 25c.
- Z-11—NETS. It is extremely important that the hands are never put in the goldfish water, as an acid will form which will kill the fish. Woven nets, 15c each. 8 oz. Add postage.
- Z-2-3-4-5—TERRA COTTA CASTLE. Highly glazed. Water proof colors, about 4 3/4 inches. 25c. 8 oz.
- Z-6—FISHER BOY FIGURE to set on edge of bowl or aquarium. 15c. 6 oz.
- Z-7—MERMAID. Highly glazed. 15c. 8 oz.
- Z-8—CLEVER CAT. Hangs on edge of bowl or aquarium. 15c. 6 oz.



X-L Brand Tested Field Seeds

Labeled Seed



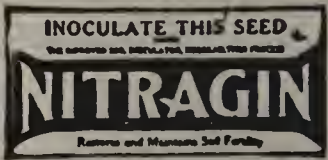
When buying field seed from a reliable seed company you are receiving the protection of the Montana Seed Laws, which are checked and enforced by your State College.

Purity, Germination and locality where seed is grown is all carefully and correctly shown on the X-L labels. Purity is most important. 1% does not seem like much weed seed, but think of putting 99 alfalfa seeds on a dime and 1 mustard seed. Then compare a dime to an acre and you have some idea of the importance of clean seed.

Every Bag of X-L Field Seeds Sealed With Our
Graham & Ross X-L Trade Mark

Alfalfa Seed

Sow 8 to 10 lbs. per acre on dry land.
Sow 10 to 12 lbs. per acre on irrigated land.



Our label tags show where our seed is grown. We do not offer blends composed of seed from several localities.

X-L Ladak

Because Ladak Alfalfa is more drought resistant and has less loss from winter killing, it outyielded Grimm Alfalfa 13% over a 10-year period in a test conducted at the Northern branch station. Another feature of Ladak Alfalfa is the fineness of the stems, and abundance of leaves. In the Milk River Valley a premium was paid last year for Ladak Alfalfa Hay. Please refer to price list.

X-L GRIMM

Grimm Alfalfa has been proven in a 10-year test to out-yield Common by 12%. Since losses from winter killing and drought determined the difference in yields, this test should be the yardstick by which the Montana planter purchases his seed. See price list.

REGISTERED BLUE TAG GRIMM

is officially sealed and registered by the Montana Seed Growers Assn. after they ascertain that purity is 99.25% or better, and contains no sweet clover, dodder or noxious weeds. Please refer to price list.

X-L AFFIDAVIT GRIMM

is true Grimm of high purity and germination, but not registered. Please refer to price list.

X-L MONTANA COMMON

Our seed stock is from established fields that have shown their ability to withstand severe drought and hard winters. Absolutely Montana grown. Please refer to price list at back.

INOCULATE ALL CLOVERS, ALFALFA AND OTHER LEGUMES WITH NITRAGIN

Over 40 years ago it was recognized that Legumes not inoculated are "soil robbers" and Legumes well inoculated are "soil builders." To improve your soil, increase your yields, and ASSURE A GOOD STAND be sure to inoculate with Nitragin. "Spend a penny to make a dollar."

IMPORTANT—When Ordering Always State Name of Seed or Give Culture Group Letter

Culture Group	Legume Seed to be Inoculated	Can Sizes	Amount of Seed Can Sizes Will Inoculate	Unit Price
A	Alfalfa Sweet Clover	1/2 bu.	30 lbs.	\$.30
		1 bu.	60 lbs.	.50
		2 1/2 bu.	150 lbs.	1.00
B	Clovers			
		Medium and	1/2 bu.	30 lbs. .30
		Mammoth Red	1 bu.	60 lbs. .50
		Alsike	2 1/2 bu.	150 lbs. 1.00
C	Peas—Canadian	1/2 bu.	30 lbs.	.25
		Garden, Sweet, Field	1 bu.	60 lbs. .40
			1 3/8 bu.	100 lbs. .60
D	Beans			
		String, Snap, Wax....	1/2 bu.	30 lbs. .25
		Navy, Kidney and Scarlet Runner	1 bu.	60 lbs. .40

Garden size—for sweet peas, garden peas, and beans—package inoculates 1 oz. to 4 oz., 10c.

IMPORTANT—Nitragin is a live bacteria and must be fresh each year.



A wonderful Alfalfa Hay crop produced from X-L Grimm Alfalfa raised on the Robinson Dairy west of Great Falls. This field is one year old. Field was flooded and seeded with press drill.

X-L Clover Seed

ALPHA SWEET CLOVER

(Biennial) Sow 8 to 12 lbs. per acre

Combines the best qualities of sweet clover and alfalfa. This new variety sends up many fine stems well loaded with branches and leaves instead of a few coarse stalks as do the older forms. If planted without a nurse crop, the Alpha will make a hay crop of high quality late the first season or it will furnish excellent pasture. In the second year the plant sends up from 30 to 50 stalks which is a marked contrast to the older sweet clover which usually have from 4 to 10 stalks. At the Moccasin dry land Experiment Station, Alpha outyielded both white blossom and yellow blossom clover. Please refer to price list.

X-L YELLOW BLOSSOM (Biennial)

Sow 10 to 15 lbs. per acre

Has a finer foliage and is more dwarf than the white blossom variety and probably makes a little better hay. It can also be pastured a little closer than the other varieties. Will grow on almost any kind of soil. Please refer to price list.

X-L WHITE BLOSSOM (Biennial)

Sow 10 to 15 lbs. per acre

It is one of the easiest of clovers to get started and out-yields any other variety for pasture purposes. Starts growing early in the spring and stays green until late in the fall. Will make a good crop of roughage or hay under conditions which might cause an Alfalfa crop failure. Please refer to price list.

ALSIKE CLOVER

Sow 8 lbs. per acre

Does especially well in the mountainous regions and where rainfall is more abundant than on plains and dry land. Use Alsike for low, heavy places where sour soil or water-logging kills alfalfa and sweet clover. Excellent to combine with timothy or red top for hay. Please refer to price list.

X-L MEDIUM RED CLOVER

Sow 10 lbs. to acre

Widely used in the foothill and mountainous regions. Improves soil more and outyields every other clover with the possible exception of Alpha Sweet. Please refer to price list.

Grasses

X-L CRESTED WHEAT GRASS

Drilled, from 3 to 7 lbs. per acre; Broadcast, 12 lbs. per acre

Now recommended by all agricultural agencies as the best drought resistant hay grass and for range rebuilding on dry land areas. Montana circular No. 79 states, "Crested Wheat-grass should be planted on every farm and ranch unit in Montana. It may be used for lawn, pasture, hay and seed. It is useful for any size unit."

X-L Brand Crested Wheat assures clean, plump, high germinating seed free of stalks, weeds and "clusters." (These clusters are light seed and practically worthless.) YOU CANNOT AFFORD INFERIOR SEED TO SAVE A FEW CENTS. Please refer to price list.

X-L WESTERN WHEAT GRASS

Better known to Montanans as "Blue Joint," this grass ranks with Crested Wheat Grass for hay, pasture and range rebuilding. Be sure of high germinating seed by purchasing X-L Brand. Please refer to price list.

X-L WESTERN RYE OR SLENDER WHEAT GRASS

Sow 8-12 lbs. drilled; 12-20 lbs. broadcast

A very valuable perennial grass for the west. May be sown alone or in mixture for hay or pastures. Usually yields 1½ to 2 tons per acre. Please refer to price list.

X-L BROME GRASS

Sow 15-25 lbs. per acre

Brome is a vigorous, hardy perennial grass that withstands cold, drought and water-logging. It is excellent for hay and pasture, but will cure better if used for hay if mixed with alfalfa. Please refer to price list.

X-L ORCHARD GRASS

20-25 lbs. per acre

This grass is valuable for making permanent pastures and should be included in every combination sowing. Withstands cropping and cutting. Please refer to price list.

X-L MEADOW FESCUE

Sow 20 lbs. per acre

This perennial grass is excellent for mixed pastures, as it will recover quickly from close grazing and cropping. Makes a good hay crop and is heavy yielding. Please refer to price list.

X-L RED TOP

Sow 8 to 12 lbs. per acre

On land that is too wet for Timothy, Red Top is the best substitute for that grass. It will even thrive on land too wet for cultivation. A hardy perennial grass which grows from 2 to 5 feet high. Makes good pasture and fair hay if cut early. Very palatable and relished by all forms of livestock.

X-L TIMOTHY

Sow from 8 to 12 lbs. per acre

Timothy is the old standard hay and has been the most widely used for years. Timothy is the best hay for horses on heavy work, and there is no danger of giving the horse the scours. Timothy is cheap to plant, easily grown and of excellent quality. Thrives on clay and moist soils but not on poor light land. Timothy should not be sown alone for pasture, but together with other grasses such as Meadow Fescue and Red Top.

SUDAN GRASS

Sow 20 to 25 lbs. per acre broadcast

GROWS QUICKLY

There is no other forage crop known that will resist drought like Sudan. It has been successfully grown on almost every kind of soil, from heavy clay to light sand. It is an annual and requires planting each season. In favorable seasons the growing period is long, and several cuttings can be obtained in one season. DO NOT SOW SUDAN GRASS BEFORE CORN PLANTING TIME. Like corn, it is a warm weather crop. It is an enormous yielder of excellent hay that is relished by all forms of livestock. The leaves are retained well and if cut at the right stage will make a bright, leafy, sweet hay, of the very best quality.

X-L HI-GERMINATING HUNTLEY PERMANENT PASTURE MIXTURE

Recommended by the Federal Experiment Station at Huntley as the best mixture for Montana. Tests have proven that it will pasture more stock per acre than any other.

Suggested for one acre:
3 lbs. Brome Grass
4 lbs. Kentucky Blue Grass
4 lbs. Orchard Grass
3 lbs. Meadow Fescue
1 lb. White Clover
1 lb. Alsike Clover
16 lbs. to 24 lbs. per acre

To broadcast Grain, grass and Clover Seed. Full instructions and directions on every machine. Price, postpaid, each, \$2.65; F.O.B. Great Falls, \$2.50.



Why Not Plant PURE STRAINS OF FIELD CORN

The difference in seed cost per acre, between true type, graded and tested seed is less than a dime. Can you afford to prepare your seed bed and plant on the possibility of saving a nickel or dime per acre?

Extract From Farmers' Bulletin 1175
WHAT CONSTITUTES GOOD SEED CORN

Too many people consider seed good simply because it will grow. To be first class, seed must be—

- (1) Well adapted to the climatic and soil conditions where it is to be planted.
- (2) Of a high-yielding variety and from the high-yielding stalks of that variety.
- (3) Well matured and preserved from ripening time till planting time in a manner that will retain its full productivity.
- (4) Free from disease and insect injury. Such freedom may indicate resistance to infection.

X-L Brand is your guarantee of good seed corn.

X-L FALCONER

The Surest High Yielding Corn for Montana

Falconer is a semi-dent yellow corn producing good size ears. Stalks are generally above 6 feet and fodder yield quite heavy. As Falconer is a cross, it has a tendency to "run out" or become mixed. For this reason extra precautions should be taken to secure genuine Falconer of true, high yielding strains. To protect you we have secured a limited quantity of registered seed. Sold only in 1/2 bushel and 1 bushel bags. All sealed and tagged with the Montana Seed Growers Ass'n Blue Tag. Don't lose this opportunity of renewing your seed at this low price. Our regular strain is selected and pure. Please refer to price list.

NORTHWESTERN RED DENT

This is a short season corn maturing in 80 to 90 days, making it desirable for sections where the time between the late and early frosts is short. It is dented and the corn would be satisfactory for grain feeding. Stalks grow 5 to 7 feet high and are very thin and leafy. Splendid for Montana.

MONTAWEALTH HYBRID CORN



**X-L Montawealth Corn Raised by
Herman Hepp, Star Dairy,
Great Falls**

With the tremendous interest that has developed in Hybrid corn during the past few years, many of our customers have been anxious to try a variety. We recommend MONTAWEALTH as the best hybrid developed for this section. It may be planted early. Will withstand more drought and wind than most varieties and with a favorable growing period will produce an unbelievable quantity of grain with heavy fodder. Please refer to price list.

X-L HI-GERMINATING GEHU OR YELLOW FLINT

The very earliest of flint corn, producing two or three ears to the stalk. For some of Montana's high altitude counties this corn is a wonder as it is drought, frost and hail resistant to a greater extent than any other variety.

PIONEER WHITE DENT CORN

The earliest, hardiest White Dent in cultivation. Pioneer White Dent is perhaps the surest pure dent variety that can be grown in the northwest, and is in addition the easiest dent to pick for those wishing only the grain crop. This corn has never failed to produce some ripe corn for us even in the worst years and has proved an unusual success in eastern Montana where it is very popular. The ears average 6 to 8 inches long, gently tapering, 14 to 16 rows of kernels which are white with occasional pink shading; cob mostly white; stalks 5 to 7 feet high; ears 2 feet from the ground.

X-L MINNESOTA 13

Early Strain

This well known yellow dent corn is very popular, as it produces good sized ears with considerable stalk. Being a true dent, it is preferred by many for feed. Only the early strain can be depended upon to mature here.

X-L FODDER CORN

Every farmer milking two or more cows should grow fodder corn for silage. It should be cut green, and either stacked whole or chopped and put in pit or trench silos.



Mr. and Mrs. Job Robinson of the Robinson Dairy inspecting their crop of X-L FODDER CORN. Compare the height of this corn with the corn binder and Mr. and Mrs. Robinson. Mr. Robinson has used X-L Fodder Corn for the past three years, cutting it like hay and placing it in a pit silo.

Our particular strain of this variety has become popular with many dairymen and stock growers in Montana because of its large size, earlier maturity, finer and richer fodder and ease of handling. Grows to an average height of 8 to 10 feet, is very leafy and has a small stalk.

X-L GIANT SUNFLOWERS

Sunflowers have proven their value in soil conservation work. By planting several rows around a fallowed field, or by planting a double row through the center of each fallow strip where strip farming is practiced, soil blowing is reduced and snow is held during the winter. 1 1/2 to 2 lbs. for each mile of single row.

Use X-L Seed Corn for the northwest

Millet

HAY MILLETS

Sow from 20 to 30 lbs. per acre broadcast
Drill 10-12 lbs. per acre

X-L GERMAN—This is one of the best varieties for hay and fodder. Grows 4 to 5 feet high. Is of rather coarse appearance and should be cut for hay before it is in full bloom. At this stage the hay is of the best quality and so tender it can be fed to hogs. Like other millets it has a very low water requirement and is an excellent dry land crop.

X-L SIBERIAN—We consider this the best millet for dry sections. Extremely hardy, drought resistant and about two weeks earlier than German. It stools heavily, is very leafy, and yields enormous quantities of fine quality hay.



A splendid stand of Siberian Millet raised by Mike Bogdon near Great Falls on sub-irrigated land. Note height and thickness which made a wonderful hay crop.

PROSO MILLETS

X-L EARLY FORTUNE—One of the surest crops in the northwest. Especially valuable for late planting. The seed is of a shiny reddish brown and is recommended for mixture in poultry feeds.

X-L HOG OR BROOM CORN—The hay is of a coarse quality except when cut very young. Feed is of high food value especially for poultry and hogs. It is yellow-white in color. Hog Millet is very early and drought resistant and yields enormous quantities of feed, often 60 to 70 bushels per acre.

SPELTZ OR EMMER

The kernels resemble wheat in appearance. Very heavy yielding and an excellent feed for cattle. Same culture as used for oats or barley.

Oats

X-L VICTORY—This variety is highly recommended by our State Experiment Station because of its consistently high yield performance on both dry and irrigated land. It is a heavy yielding variety of thin hulled, plump, white oats. Our seed weighs over 40 lbs. per bushel and is free of wild oats.

X-L SWEDISH SELECT—The straw is coarse, noted for its stiffness and power to withstand lodging. This variety originated in Sweden and has proven one of the most dependable varieties for the Northwest. Our stock for this year is exceptionally fine, well matured, plump, free of wild oats and of high germination.

SEED WHEAT

X-L MARQUIS—Grown and selected for us from pure stock and was produced from a pure, high yielding, early maturing strain. Chief characteristic is it is beardless, has good straw and fine milling qualities.

SPRING RYE

Sow 40 to 50 lbs. per acre. Spring rye should be sown more extensively. Can be grown on light and sandy soil; on land too poor for wheat, and does equally well on acid and non-acid soils. Produces a crop that can be relied upon regardless of drought, wet, cold or excessive heat conditions. Makes excellent hay when cut early, and if allowed to mature, produces one of the best fattening grains for hogs.

WINTER OR FALL RYE

Serves a very useful purpose for pasture and hay. May be sown in the spring and summer as well as in the fall. When Winter Rye is sown after frost it goes into the following season before maturing, thus making it a biennial.

Fall Rye planted in the spring on either dry or irrigated land for pasture purposes gives satisfactory results. Makes an early abundant pasture due to the stooling characteristics emphasized by the spring conditions.

Barley

Sow 50 to 70 lbs. per acre

X-L TREBI—A bearded six-rowed variety which has proven to be one of the highest yielders. Rapidly displacing all other varieties in the irrigated sections of Montana. An excellent performer under dry land conditions. Grain is large, plump, and white, with a very thin hull.

X-L HORN—A two-rowed variety which has proven to be the outstanding heavy yielder under dry land conditions. Grows taller and is a greater yielder than Hannchen.

X-L WHITE HULLESS AND BEARDLESS—Earlier than the bearded varieties and six-rowed. When grown for hay it should be cut before it is ripe while the straw is still green. One of the best hog fatteners we know of. It is a heavy yielder and can be given to the hogs in bundles and they will eat every kernel of it.

Flax

X-L BISON—This variety has proven to be the most popular for several reasons. It is both wilt and rust resistant, large seeded and heavy yielding; very tall and bushy. Produces sturdy plants with stiff, strong, and generous root system. Able to withstand adverse weather conditions as well as attacks of insects.

Soybean

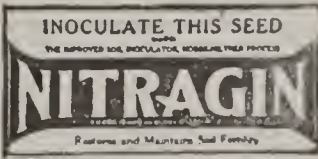
X-L MANCHU—This variety takes the lead among soybeans for the middle west. It is outstanding for all purposes. Will fully mature under ordinary conditions and grows large enough to produce excellent yields of hay or a large crop of beans. An average crop will produce 20 to 25 bushels of beans per acre.

Black Amber Cane

It is the earliest strain grown. Very hardy and of fine quality. We offer an improved strain which has been carefully bred for size, sugar content, and palatability. For fodder sow 50 to 60 lbs. broadcast, or 15 to 20 lbs. in drills. A few acres will insure a good roughage that will help milk production. May be put in pit silos.

Field Beans

X-L GREAT NORTHERN—This variety is especially adapted to Montana soil and climate conditions. Beans may be matured for feed or resale purposes, and the vines make excellent fodder. Sow 16 to 24 lbs. per acre.



Field Peas

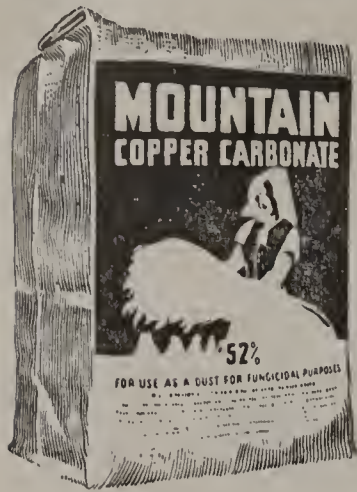
X-L CANADIAN FIELD PEAS—Sow 60 to 75 lbs. per acre in drills; 100 to 120 lbs. broadcast. Few farmers know the value of field peas as a hay crop and fertilizer. They fit into crop rotation well and are better suited to conditions of the Northwest than any other annual legume for building up worn out soils. Field peas contain more digestible protein and fat than alfalfa and corn. A good pasture and hay mixture is 50 lbs. field peas and 50 lbs. oats.

Rape

Sow 2 to 3 lbs. per acre in drills; 5 lbs. broadcast. For quick pasture nothing equals Rape. Provides excellent pasture for all kinds of livestock, cattle, hogs, and sheep. Can be sown at any time during spring or summer so a good pasture can be had whenever it is needed. Rape will prepare sheep and hogs for market better and in less time than any other forage plant. It is a mild succulent feed for cattle and will not flavor the milk after cattle are pastured properly.

Please refer to price list at back of book for price of all seeds on this page.

COPPER CARBONATE FOR PREVENTING SMUT



Mountain Copper Carbonate is extra fine ground and is uniform in texture, giving better coverage than most copper carbonates sold. Being a dry treatment, the seed can be treated in the winter or slack season. Much more effective than wet treatment. 18 per cent recommended for spring grain. Use 2 oz. per bushel. Per 5 lb. pkg., 95c; 50 lbs., \$8.50. Add postage.

50 to 52 per cent recommended for winter wheat. Use 2 oz. per bushel. Per 5 lb. pkg., \$1.50; 50 lbs., \$12.50. Add postage.

TREAT ALL CEREAL SEED WITH CERESAN FOR GREATER YIELDS

Unusually effective in controlling stinking smut of wheat, covered smut and stripe of barley and oat smuts. Frequently improves the stand and yield of grain 1 to 5 bushels per acre. Only 1/2 ounce (there is a measuring spoon in each can) of New Improved Ceresan is required per bushel of seed. Seed should be treated 24 hours before planting. Does not reduce drilling rate nor damage drill.

Prices: 1 lb., 75c; 5 lbs., \$3.25; 25 lbs., \$14.00. Add postage. Free pamphlet.

P. A. C. FORMALDEHYDE

Use for preventing smut on oats, wheat, barley and rye and also used for preventing scab on potatoes. Full directions furnished with each can. Per 1-lb. can, 35c; 3 1-lb. cans, \$1.00. Add postage. Prices not guaranteed.

SHEEP, STOCK and HOG SUPPLIES



BLACKLEGOL
10c per FULL 5cc DOSE
PROVEN by consistent results of thousands of cattlemen, on every cattle range, the most reliable one shot blackleg vaccine on the market

COOPER'S HOG WORM CAPSULES

Reliable and effective. For hogs, sheep, goats, and calves. Over 40 lbs. and under 200 lbs. give one capsule. For larger animals give one capsule for each 200 lbs. additional. Each, 10c; box of 12, 75c; box of 50, \$2.50 postpaid.

WORMING FORCEPS

Especially for Cooper's Capsules, 60c postpaid.

SWINE JAW SPREADER

Makes worming easier, 60c postpaid.

BOT CAPSULES

Use one for each horse, 800 lbs. or heavier. Each 35c.

HORSE VERMIFUGE CAPSULES

Use one capsule for each animal. Each, 25c.

SHEEPMEN

Give your sheep Dr. Hess Stock Tonic, the complete mineral combined with tonic medicines that aid digestion and help elimination. No other mineral is needed. Most sheepmen add Dr. Hess Stock Tonic to the salt, using about 100 lbs. to each 500 lbs. of salt. Especially valuable before lambing time but most feeders find it profitable to use the year 'round. 100 lbs., \$10.80; 300 lbs. or more, \$9.75 cwt.

DR. HESS HOG SPECIAL

Mineral supplement and conditioner; boosts hog profits by saving feed and time. Tests extending over many years show that hogs fed Hog Special reach market weight in 15% less time and on 25% less feed. Runty, unthrifty pigs especially need it.

100-lb. drum, \$10.80; 25-lb. pkg., \$3.30; 15-lb. pkg., \$2.20; 7-lb. pkg., \$1.15; 3-lb. pkg., 55c; 1 1/2-lb. pkg., 30c.

STEAMED AND STERILIZED BONEMEAL

Supplies phosphate, the mineral most needed by all sheep and stock in Montana. Diamond G Bonemeal is steamed and sterilized and made from fresh packing house bones—not from bones gathered from the prairies which have had much of the available phosphate bleached out and which are dangerous as a source of disease infection. Diamond G Bonemeal is high in available phosphate (17%). See list in back of catalog for current price.

SULPHUR

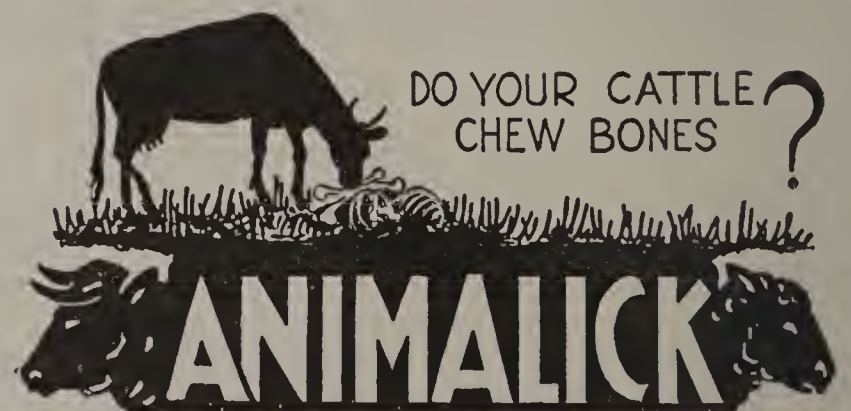
Powdered. Per lb., 10c; per cwt., \$8.00 F. O. B. Great Falls.

EPSOM SALTS

U. S. P. grade. Per lb., 10c; per cwt., \$8.00 F. O. B. Great Falls.

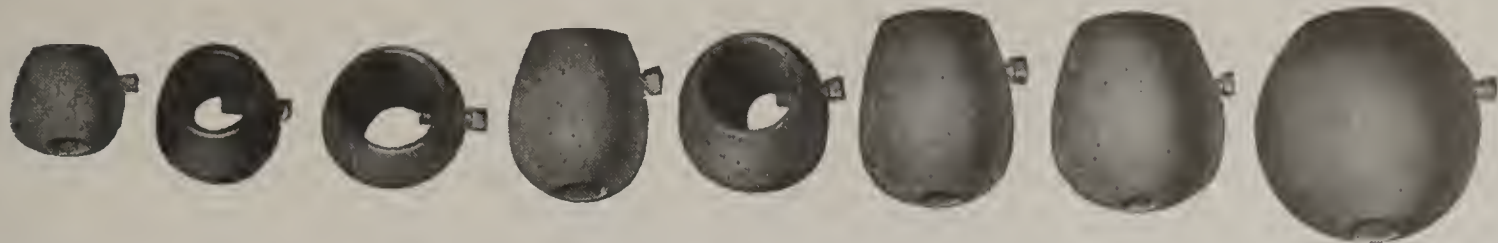
DIGESTA BONEMEAL

A well known and popular brand of steamed, sterilized bonemeal. Feed with salt, using about 25 lbs. to each 100 lbs. of salt. Please see price list at back of catalog.



48% Phosphate. Also contains Iron Oxide and Sulphur. Mix with salt. When first beginning to feed Animalick, use about 10 lbs. to 100 lbs. of salt. After the animals are accustomed to the taste, the ratio can be increased, using from 15 to 25 lbs. of Animalick to 100 lbs. of salt. When fed to dairy stock and hogs, use 2 lbs. to each 100 lbs. of ground grains or mill feeds. 25 lbs., \$1.25; 100 lbs., \$3.95 F. O. B. Great Falls.

HORN SHAPING WEIGHTS



The 1/2-pound weights are for stock up to six months old. The opening to receive the horn is 1 1/8 inches.
The 1-pound are for stock from six to twelve months old, with an opening to receive the horn 1 1/4 inches in diameter. This size is best suited to heifers.
The 1 1/4-pound is a new size. It has a larger hole and is suitable for young bulls. You will like it.
The 2 1/2-pound weight is designed more for bulls from twelve to twenty-four months old. The holes are larger and fit the coarser horns better. The openings are 1 1/2 inches.

Order all weights by number and specify weight to avoid mistakes. Add postage.

No. 1/2—1/2-lb., per pair	(Shipping wt. 2 lbs.)	\$.69
No. 0—1 -lb., per pair	(Shipping wt., 3 lbs.)	1.10
No. 1 1/4—1 1/4-lb., per pair	(Shipping wt., 3 lbs.)	1.15
No. 3—1 3/4-lb. "Shorthorn Special," per pair	(Shipping wt., 4 lbs.)	1.25
No. 4—2 1/2-lb., per pair	(Shipping wt., 6 lbs.)	\$1.55

DIAMOND G CALF MEAL

A substitute for whole milk. Use with skim milk or make a gruel with water and sell your cream. 25 lbs., \$1.00 F. O. B. Great Falls.

ALBER'S CALF MANNA

The most popular milk substitute and calf food ever manufactured. For beef calves, dairy calves, lambs and colts. Used by all leading National Hereford show strings. 4-H Beef and Dairy Club members should use this feed. Write for complete literature. Economical to use since it is so concentrated. 50 lbs., \$3.15; 100 lbs., \$5.95 F. O. B. Great Falls.

Dr. Hess Saponified Cresol Solution

This dip meets with the approval of the State Agricultural Department and the Federal Government to be used in disinfecting in connection with Bang's disease control program. Per quart, \$1.00; per gallon, \$2.75.

"ALL IN ONE" CASTRATOR

Combines castrator, docker and ear marker in one simple and efficient tool. Positive, fast, sanitary, practical, convenient—decidedly better docking and gives an ear marking that is smoother and better. Each \$7.50.

"DIXIE" PINE TAR

For years this product has been the standard remedy on thousands of farms. Ideal for docking, castration, dehorning, barb wire cuts, cracked hoofs and general cuts. Every farm home should have a can on hand. One pint, wt. 3 lbs., 35c.

PINE-TREL

Used by all leading Sheep and Cattle men. Endorsed by THE MONTANA WOOL GROWERS ASS'N. Excellent for Screw Worm Flies, Wool Maggots, Grub-In-The-Head. Used after dehorning, castration and docking. Heals Barbed Wire Cuts, Horn Gores, Dog Bites, and other wounds.

Size	Wt.	Price
1 Quart	4 lbs.	\$.75
1 Gallon	11 lbs.	1.75



S-W BRANDING PAINT

Made by one of the largest paint manufacturers in the world. This product has the endorsement of all woolmen who have used it. Will not fade out but at the same time is one of the few paints that will scour out perfectly.

Color	Wt.	Price
Black	9 lbs.	\$1.65
Red	9 lbs.	1.70
Green	9 lbs.	1.70

In full case lots of 4 1-gal. cans. 10c per gal. less.

SACKING NEEDLES

Made of heavy polished steel, just the right length and curve. Each, 10c postpaid.

ANCHOR "SURE BRAND" BRANDING FLUID

Enough for 40 clean-cut brands. Easier than burning. \$1.25 postpaid.

ANCHOR DEHORNING FLUID

Sure and safe. \$1.00 per bottle postpaid.

CATTLE EAR TAGS

Numbered consecutively. Each, 3c postpaid.

SHEEP EAR TAGS

Numbered consecutively. Each, 3c postpaid.

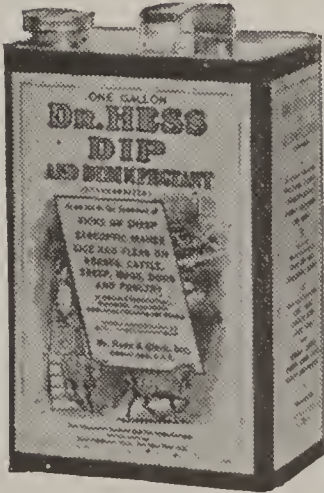
PLIERS

For fastening either sheep or cattle ear tags. \$1.75; postpaid, \$1.85.

**SHEEP DIP
AT MONEY-SAVING
PRICES**

Full strength (5 per cent carbolic co-efficient) sheep dip that mixes perfectly with any kind of water. Formula standardized with the U. S. Dept. of Agriculture. This dip will not settle out, but remain in a perfect milky solution.

50 gal. bbl.	\$.85 per gal.
30 gal. bbl. ....	.90 per gal.
5 gal. can	1.00 per gal.



**Dip with "Black Leaf 40" for Lice and Scab
"Black Leaf 40" for Stomach Worms in Sheep**

FREE DIRECTIONS FURNISHED

Write us for full and complete directions just how to use "Black Leaf 40." They will be mailed by return mail.

Size	Wt.	Price
5 oz.	1 lb.	\$ 1.00
1 lb.	1 lb.	2.25
2 lb.	3 lb.	3.25
5 lb.	6 lb.	5.85
10 lb.	11 lb.	10.60

ATTENTION

To Buyers of Wool Bags

We are in a position to furnish any quantity at attractive prices. Write for our prices before making your purchase.

Save Money on Your Gasoline

Drive to our warehouse and bulk plant and purchase your gasoline either for your pleasure car, truck or farm equipment.

TOP-GRADE GASOLINE
72 OCTANE—CRACKED BY DUBBS PROCESS
Gasoline at our warehouse—6th St. & 8th Ave. No.

We can save you money on top grade tractor gasoline and distillate trucked within reasonable distance from Great Falls.

No. 1 Heavy Duty Grease

HEAVY DUTY PRESSURE GUN GREASE

100 lb. drums, per lb. 9 1/2c
25 lb. galvanized pail, per lb. 12c
*30 lb. half bushel measure, per lb. 12 1/2c

*The container is made of heavy galvanized iron and is an accurate measure for grains, etc.

GEAR OIL SPECIAL

A heavy, high quality No. 160 gear oil that will stand hard wear. Packed in a heavy 5-gal. galvanized can with pouring spout.

Special—5 gal., \$2.70, including a regular \$1.00 can

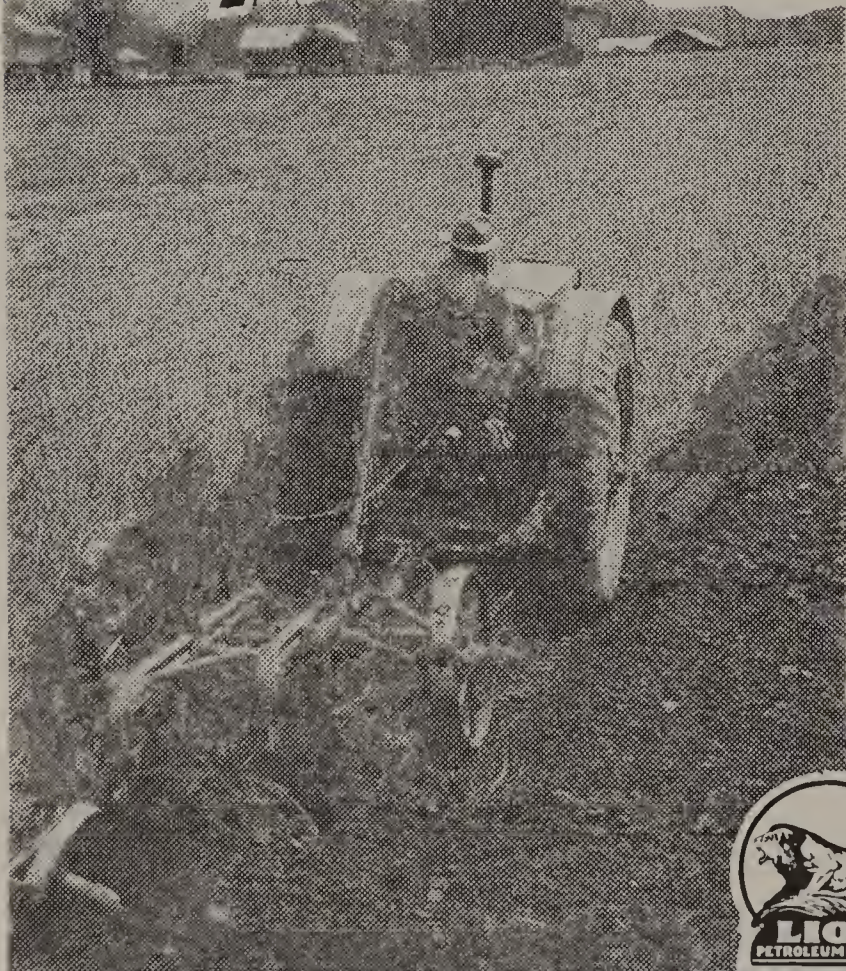
"GRAPH-ALLOY" PRESSURE GUN GREASE

Provides a grease of unusually high graphite content that will remain in suspension without caking or clogging on the outside of bearing.

100 lb. Per lb. 10 1/2c
25 lb. Gal. pail, per lb. 13c
30 lb. Measure, per lb. 13 1/2c
*25 lb. Gunfiller, per lb. 13 3/4c
10 lb. Per lb. 13 1/2c

*This container keeps grease covered at all times, thus eliminating dirt and foreign matter and makes it very easy to fill grease guns.

LION Naturalube The Farmer's Choice!



Many farmers experienced in operating tractors have made the discovery that Lion Naturalube Motor Oil will actually save costly operating expense . . . How? By preventing carbon-removal lay-ups. It is a fact that Naturalube will REMOVE HARD CARBON! Yes, and thrifty operators have also discovered that Naturalube constantly saves wear and conserves power and fuel . . . Remember, the dollar you save on operating cost is the profit dollar.

SWITCH TO NATURALUBE

Unless you actually use Naturalube, you cannot appreciate the superior money-saving qualities of this new-type motor oil. Protect your tractor engine with Naturalube—the motor oil with a stronger natural protective film which prevents excessive motor wear. Let Naturalube prevent expensive lay-ups for carbon removal jobs. Switch to Naturalube!

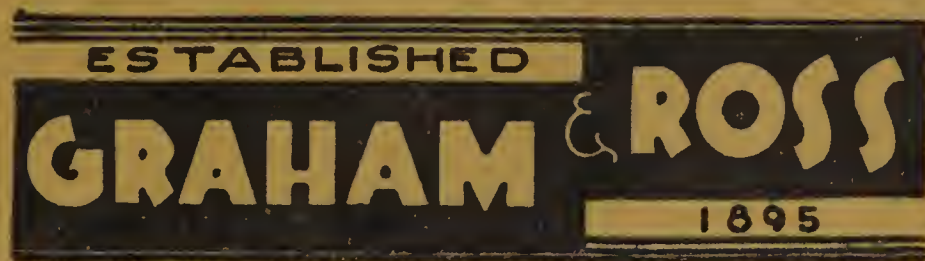


LION OIL REFINING COMPANY
EL DORADO, ARKANSAS

THE SAFE OIL FOR CARS, TRUCKS, TRACTORS — GASOLINE OR DIESEL

RETURN TO

Please Rush This Order To



GREAT FALLS

MONTANA

And They Will Fill and Return the Same Day



ORDER SHEET

GRAHAM & ROSS MERC. CO.

GREAT FALLS **MONTANA**

Your Name.....

Street Address (if any)..... AMOUNT ENCLOSED

Post Office..... R. D..... P. O. Money Order \$.....

County..... State.....

Express or Freight Office..... Cash, Notes and Silver

Is there a freight agent at your shipping point? Yes..... Postage Stamp

(If not, send money to prepay charges) No..... Date..... 19.....

GRAHAM & ROSS MERC. CO. do not give and their agents and employees are expressly forbidden to give any warranty expressed or implied as to the contents or the description, quality, productiveness or any other matter of any Seeds, Bulbs, Plants, Shrubs, Trees or Vines sold by us, and will not, in any way, be responsible for the crop. If the Purchaser does not accept these goods on the above terms, no sale is made thereof, and he must return them at once and money will be refunded. Subject to the above conditions we make this sale.

All shortages, errors, must be reported within 5 days from receipt of goods. Over



GRAHAM & ROSS SPECIAL CUCUMBER. Large, solid, heavy yielding. No. 56. Oz. 20c; $\frac{1}{4}$ lb. 65c.



**X-L
SEEDS
Are
Always
Top
Quality**



PEAS, X-L Early Gilbo.
No. 114 A. $\frac{1}{2}$ lb. 25c; lb. 40c.

HEAD LETTUCE, New York No. 12. Large, solid heads.
No. 84. Pkg. 5c; 1 oz. 30c.



CARROT, X-L Red Cored Chantenay.
No. 37. Pkg. 5c; oz. 15c.



BEET. Good for All.
No. 12. Pkg. 5c; oz. 15c.



TOMATO, X-L Early Bison.
Extremely early, self pruning.
No. 154. Pkg. 10c; $\frac{1}{2}$ oz. 30c.



X-L GEM STRAWBERRIES.
Large, sweet flavored.
100 for \$1.50.



RADISH, X-L Extra Early Scarlet Globe. Selected stock.
No. 127. Oz. 25c; $\frac{1}{4}$ lb. 45c.

*Crisp
Vegetables
Pulled Fresh
from Your
Own Garden
Have the
Finest Flavor*

These Lovely Flowers Are Easy to Grow



SWAN RIVER DAISY.

A dainty miniature that has become very popular.
No. 1074. Pkg. 10c.



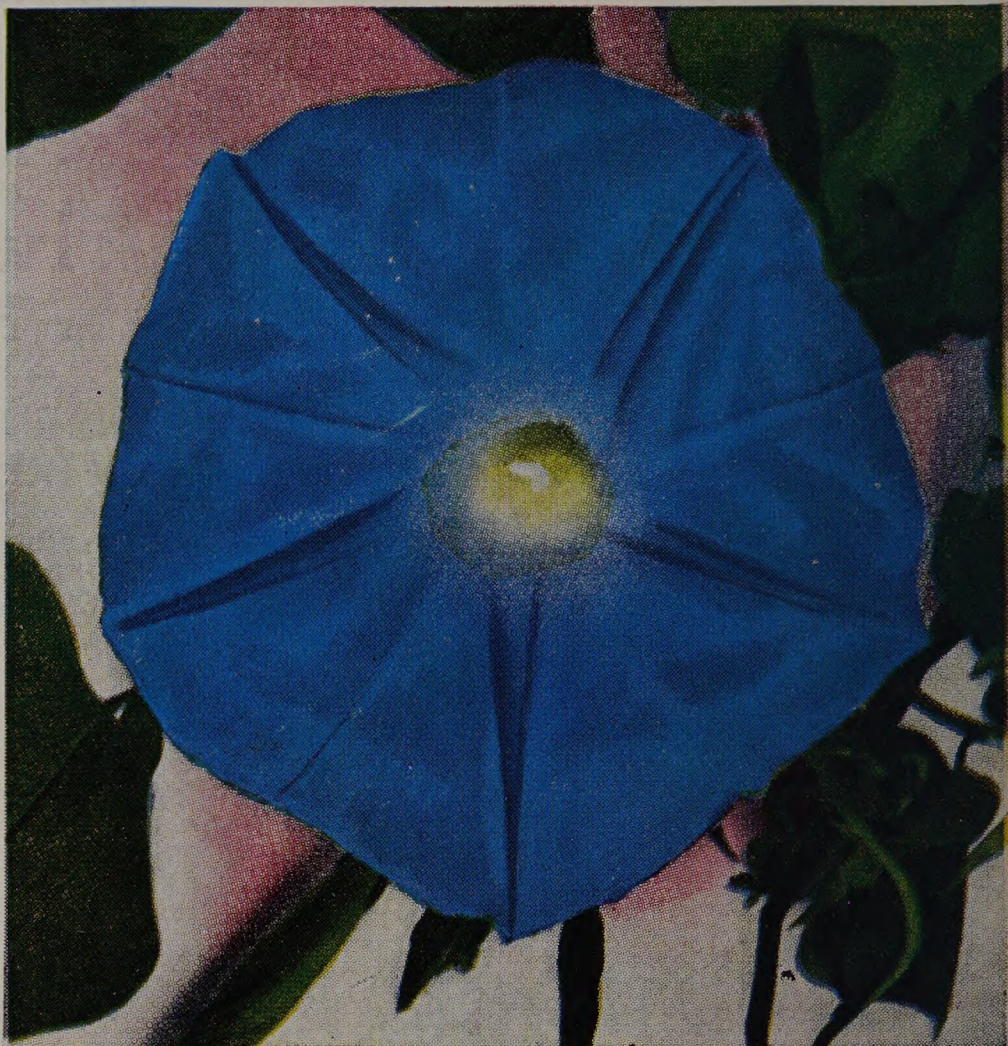
MARIGOLD, Harmony.
No. 1294. Pkg. 10c.



SALVIA, X-L Early Zurich.
No. 1406. Pkg. 10c.



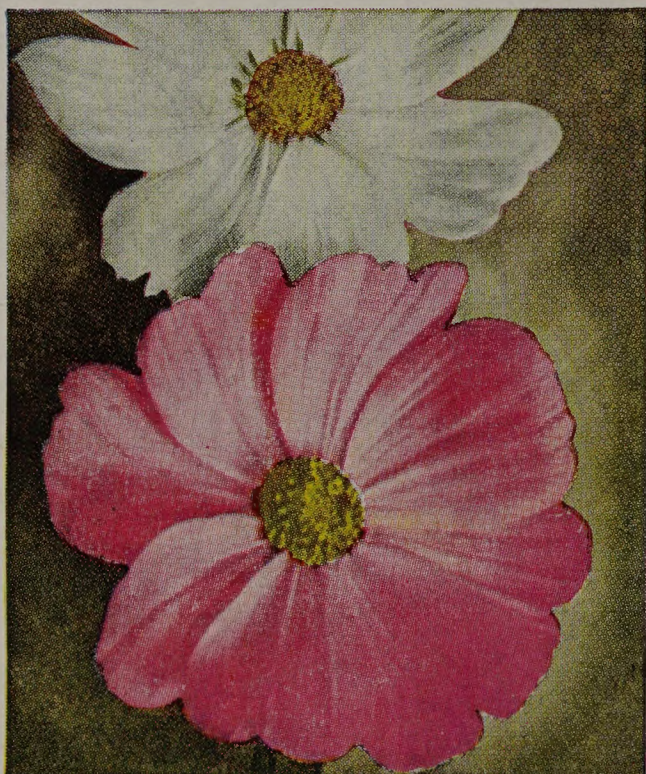
SPENCER SWEET PEAS.
X-L Royal Mixture.
No. 1554. 1 oz. 25c.




MORNING GLORY, X-L Early Mammoth Heavenly Blue.
No. 1308. Pkg. 10c; 1/4 oz. 35c.



X-L SCABIOSA, Mixed Colors.
No. 1418. Pkg. 10c.



 **X-L SENSATION COSMOS**
Mixed Colors.
Award of Merit—All-America Selections
No. 1154. Pkg. 10c.



AURATUM LILY, Gold Band Hardy Lily.
Extra Large Bulbs, 25c Each.
Postage 5c per bulb extra.
Special—6 for \$1.45, Postpaid.